

**NAVAJO NATION
ABANDONED URANIUM MINES STUDY
SCREENING ASSESSMENT**

**Preliminary Scoring Tables for AUM Sites
On or Within 1 Mile of the Navajo Nation**

Prepared for:

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REVIEW DRAFT

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BACKGROUND

The U.S. Environmental Protection Agency (USEPA) has undertaken an extensive scientific study to determine if abandoned uranium mines (AUM) and related mine features pose a significant risk to human health and the environment, and to identify areas requiring action to reduce risk for the Navajo Nation. There are more than 500 abandoned uranium mines (AUM) located throughout and within 1 mile of the Navajo Nation. Associated with these AUMs are over 1,200 mine features (e.g. portal, prospect, rim strip/pit, vertical shaft or waste pile). While many of these AUMs have undergone surface reclamation by the Navajo Abandoned Mine Lands Reclamation Program (NAMLRP), potential long-term exposure risks can persist even after the surface reclamation of an AUM is completed.

The USEPA and U.S. Army Corps of Engineers (USACE) conducted a pilot screening assessment project for the Red Valley Chapter area on the Navajo Nation. The goals of the pilot project were to focus attention first on the areas with the highest apparent level of risk, and to identify areas to be recommended for additional characterization by the appropriate lead federal agency. The approach involved the use of readily available data; the development of a CERCLA Hazard Ranking System (HRS) derived screening model; and the analytical capabilities of a Geographic Information System (GIS). The pilot Red Valley Chapter Screening Assessment project served as the prototype to generate the scored list of AUMs over the entire Navajo Nation, which covers approximately 17.5 million acres in the states of Arizona, New Mexico, and Utah.

METHODOLOGY

The methodology used to develop the scores for known AUMs on and within 1 mile of the Navajo Nation proceeded with the following general steps:

- Develop a CERCLA HRS-derived model to assess and compare AUM priorities on the Navajo Nation
- Acquire required data and automate into a GIS database
- Apply the HRS screening criteria using GIS analysis tools
- Generate scoring list for each pathway and a composite scoring table

HRS-DERIVED MODEL

The EPA Superfund Site Assessment and Technical Support Team developed a custom set of HRS screening criteria to assess and score AUMs. The purpose of this analytical model is to prioritize Navajo AUM sites using readily available data. The level of detail in this study is not as robust as required for remedy decision making, since the purpose of the screening model is not to determine actual risks, but rather to identify priority areas for future investigation. The EPA team considered probable Navajo exposure pathways as the basis for the model. The large area involved in the assessment falls beyond the normal scope for HRS, so a custom model was developed to best fit these unique circumstances.

Given the experimental nature of the task, the EPA team considered the probable Navajo exposure pathways and used 40 CFR 300, Federal Register Notice, HRS Final Rule, December 1990 (EPA, 1990) as the basis for the HRS-derived model. Given the EPA's experience collecting available and pertinent Navajo Nation environmental data and the large land area under consideration, the EPA decided to conservatively address all known release points (i.e., uranium mines, features, and waste piles), all known streams, all known water wells (domestic, agricultural, and municipal), and all structures (surrogate for residences or where people gather). However, sensitive environments, such as endangered species,

wetlands, and cultural data, were not readily available with enough locational specificity (compatible with GIS format) to input into the model. The inclusion of HRS criteria for sensitive environments would be recommended during future site-specific characterization activities, where the Navajo Nation would also be able to protect such information with internal controls.

Consideration was given to the general fate and transport of radionuclides, as well as probable Navajo Nation exposure assessment scenarios. For example, the scenario of a rural homestead adjacent to an unfenced AUM site where the residents spend considerable waking hours outdoors with access to a nearby surface water source was considered. As a conservative assumption, it was presumed that all water sources may be used for human consumption and that uranium is mobile in dissolved media. For the two water pathways, a simple numeric progression was chosen. A high bias in weighting the soil pathway was used, due to the rural, agrarian lifestyle of the residents. Similarly, a low bias for the air pathway was used, due to the strong winds associated with dispersion effects and resultant difficulty attributing sources.

The HRS-derived model developed for the AUM Project for each of the pathways is listed below. The algorithm was derived from the CERCLA HRS using the most appropriate distance specific site screening criteria.

Air Pathway – 200 feet, 1,320 feet (1/4 mile), and 1 mile.

- For structures within 200 feet of an AUM site, assign 100 points per structure,
- For structures between 200 feet and 1,320 feet, assign 25 points per structure,
- For structures between 1,320 feet and 1 mile, assign 10 points per structure, and
- If no structures exist within 1 mile, assign 0 points.

Soil Exposure - 200 feet, 1,320 feet, and 1 mile.

- For structures within 200 feet of an AUM site, assign 100 points per structure,
- For structures between 200 feet and 1,320 feet, assign 25 points per structure,
- For structures between 1,320 feet and 1 mile, assign 10 points per structure, and
- If no structures exist within 1 mile, assign 0 points.

Groundwater Pathway - 1,320 feet, 1 mile, and 4 miles.

- For wells within 1,320 feet of an AUM site, assign 100 points per well,
- For wells between 1,320 feet and 1 mile, assign 50 points per well,
- For wells between 1 mile and 4 miles, assign 10 points per well, and
- If no well exists within 4 miles, assign 0 points.

Surface Water Pathway - 1 mile, 4 miles, and 15 miles.

- For perennial or intermittent surface water within one mile of an AUM site, assign 100 points,
- For perennial or intermittent surface water between 1 mile and 4 miles, assign 50 points,
- For perennial or intermittent surface water between 4 miles and 15 miles, assign 10 points,
- If no perennial or intermittent surface water exists within 15 miles, assign 0 points.

DATA

The following data were required to perform the HRS-derived scoring algorithm for the AUM Project:

ABANDONED URANIUM MINE SITES - Locations for the potential radioactive material sources (mines) on the Navajo Nation, and within 1 mile of the Navajo Nation, were obtained from a variety of sources:

Navajo Abandoned Mine Lands Reclamation Program (NAMLRP): The NAMLRP GIS database was used as a primary data source for AUMs within the Navajo Nation Tribal Trust lands. For this study, only uranium mine polygons were selected. Unreclaimed uranium mine point features (e.g. portals, prospects, rim strips/pits, vertical shafts, and waste piles) were selected and buffered at 200 feet to generate mine polygons.

Melvin Yazzie identified which NAMLRP AUM mine feature points that had associated unreclaimed waste piles. TerraSpectra extended the project polygons with unreclaimed debris piles 200 feet in the down slope in the vicinity of the identified mine features.

Chenoweth (1990): Chinle AUM locations were estimated using U.S. Geological Survey (USGS) 7.5' topographic maps, and Chenoweth's (1990) text and sketch maps. A borrow pit polygon was created using the USGS topo map and polygons from descriptions in the Chenoweth report of sizes of disturbance areas. The orientation of polygons was determined using USGS topo maps and USGS Digital Orthophoto Quarter Quadrangles (DOQQs).

McLemore et al.. (2002): New Mexico AUM polygons were generated using McLemore's 2002 database of uranium mines, prospects, occurrences, and mills in New Mexico. A GIS shapefile was generated from latitude and longitudes provided in the McLemore database. These point locations were used to locate the mine and occurrence features on USGS topo maps and DOQQs. The following criteria were used to select uranium mine and occurrence features from the McLemore dataset for use in this analysis:

- AUMs in the Grant Uranium District were added to the AUM GIS dataset that had: 1) documented uranium production and/or 2) surface disturbances on the USGS topo maps or DOQQs that were likely related to surface uranium exploration activities.
- AUM features within the Navajo Nation Trust Lands that had been inventoried and included in the NAMLRP AUM database were not redundantly added.
- AUM features in the satellite areas of the Navajo Nation were not included.
- AUM features outside a 1 mile buffer of the Navajo Nation were not included.

The point locations (latitude and longitude coordinates) provided in the McLemore database were used as a basis for locating AUMs in New Mexico. Polygon boundaries for New Mexico AUMs were developed by photo interpreting AUM-related disturbances on DOQQs, reviewing USGS topo maps, and checking mine dimensions (when provided) in the McLemore database.

Sprinkel, (1999): One mine (Pete 6 & 7) was added to the AUM GIS dataset from the Utah Geological Survey data. Pete 6 & 7 is located in the northeast portion of Aneth Chapter. The AUM straddles the Navajo Nation boundary and is well within the 1 mile area of influence.

Chenoweth (personal communication): Bill Chenoweth was contacted by telephone on 2/28/05. Mr. Chenoweth followed up on March 1, 2005 with additional information about an AUM in the

northernmost tip of Teec Nos Pos Chapter in Utah. The AUM was added to the AUM GIS dataset as Navajo Tribal Mining Permit No. 206, with a production of 21.6 tons of ore and ~30 lbs of U308 and 39 lbs of V205.

Hendricks, 2001: Aerial radiation surveys were flown over 41 AUM areas on the Navajo Nation during the period from October 1994 to October 1999. The aerial surveys characterized both the overall radioactivity levels (gross counts) and excess bismuth²¹⁴ activity (indicator of uranium ore deposits and/or uranium mines) within the surveyed areas. Special processing identified mines, waste piles, transfer stations, high natural uranium deposits, and other activities potentially related to uranium mining by identifying locations where uranium radioactivity was out of balance with radioactivity from other naturally occurring isotopes (potassium and thorium). For the Navajo Nation, excess bismuth²¹⁴ activity (background) was zero with a measured standard deviation of +/- 20 counts per second (cps). To eliminate false indications of excess bismuth²¹⁴ caused by background statistical variations, minimum reportable activity (MRA) was set to 80 cps (approximately 3.5 uR/h).

The excess bismuth²¹⁴ radiation contour data were compared with the AUMs in the AUM GIS dataset. A threshold of 170 cps (approximately 7.4 uR/h) was used as minimum excess bismuth²¹⁴ value for the comparison. In some cases, the boundaries of the AUM polygons were expanded to encompass the extent of the excess bismuth²¹⁴ radiation contours. The excess bismuth²¹⁴ radiation data was also used to identify some mines that had not been included in the NAMLRP AUM reclamation program. If an area had elevated excess bismuth²¹⁴ radiation levels and could be identified with an AUM (e.g. USGS topo map or other map source) an AUM was added to the GIS dataset. AUM polygons that have been extended based on the excess bismuth²¹⁴ radiation contour data are identified in the AUM GIS dataset.

DRAINAGES - Five U.S. Geological Survey (USGS) National Hydrography Datasets (NHD), medium resolution basin geodatabases were acquired from the USGS to cover the entire Navajo Nation. From these geodatabases, all streams (perennial and intermittent) within at least 15 miles of AUMs were extracted. USGS topo maps and USGS DOQQs were acquired and inspected to determine the slope each AUM resides upon. These slopes are where overland flow of water would flow during and after precipitation events.

Any stream that intersected this overland flow within 1 mile was selected along with all its downstream segments for at least 15 miles. If no streams existed within the NHD stream database, then the USGS topo maps were inspected for mapped streams. This was done because the USGS NHD medium resolution data is intended for use at a scale of 1:100,000 scale. For this study, the 1:24,000 scale USGS topo maps provide a more appropriate high resolution source of stream data. In the absence of an NHD stream, a stream segment from a 1:24,000 scale USGS topo map was digitized where it fell within one mile along the overland flow slope from an AUM. In a few cases, the NHD stream data provided incomplete stream segments. USGS topo maps were used first to provide the missing stream segments. Secondarily, USGS DOQQs were used to photo interpret the missing stream segments.

WELLS - The Navajo Department of Water Resources (NDWR) "wells" GIS database was processed and clipped to the 4 mile buffer around AUMs. During visits to the Navajo Nation it has been observed that the locations of water tanks and wells in the NDWR GIS dataset were not always accurately mapped. In some cases, water tanks and wells were missing from the NDWR GIS dataset. Additional well databases available for the Navajo Nation were acquired and processed into GIS shapefiles:

- Arizona Department of Water Resources
- New Mexico Office of the State Engineer
- Utah Department of Water Resources

- National Hydrographic Database
- Geographic Names Information System (GNIS)
- USACE Water Sample Locations
- USGS topo maps
- USGS DOQQs

Well locations (within the 4 mile buffer of AUMs) from each of the above sources were evaluated against the NDWR GIS dataset. Using DOQQs as the image map base, wells were accurately positioned, and missing wells were added to the Wells GIS dataset.

STRUCTURES - Structures have been used in this analysis as a surrogate indicator of residences and where people gather. Structures within 1 mile of an AUM were photo interpreted using DOQQs and USGS topo maps. Some issues associated with the DOQQs and DRGs are listed below that impacted interpretation of structures:

Date of Imagery: The DRGs and DOQQs available for mapping structures on the Navajo Nation are anywhere from 8 to over 20 years old. This means that structures built after the date of the DOQQ will not be present and cannot be mapped from the DOQQ.

Quality of Imagery: A second issue was related to the quality of the DOQQs, which range from excellent quality to minimally sufficient. The DOQQ quality problems include imagery that is saturated (high and low ends), has deep shadows, or snow cover. DOQQ problems also include areas of high-relief that are smeared, and poorly controlled corrections that cause offset from adjacent quadrangles.

Interpretability: Many residences on the Navajo Nation are very small structures (< 3-4 meters) and are constructed from materials that are similar or the same as the surrounding background (e.g. earthen hogans). These small, circular structures are difficult to discriminate on the DOQQs and can be confused with large boulders and some vegetation. Small structures that are located under vegetative cover (piñon juniper or pine forest) can not be discriminated on the DOQQs.

The Navajo Tribal Utility Authority (NTUA) provided locations for electric, gas, and water utility meters within 5 miles of AUM sites. For the purpose of interpreting structures, it was assumed that any meter in the NTUA dataset would be associated with a structure of some type. The NTUA meter data was used to assist with the interpretation of structures. When there was an NTUA meter location with no associated structure on either the DOQQ or USGS topo map, an "assumed structure" was added to the Structures GIS dataset. Utility meter data was only provided for areas where NTUA provides utility services, which does not cover the entire Navajo Nation.

GIS PROCESSING OF HRS DERIVED MODEL

The source and target data listed above were automated into a GIS database. Tabulations to score the pathways were then performed using GIS analysis functions over the entire Navajo Nation. A series of region buffers were created around each of the AUM polygons at all analytical intervals: 200 feet, 1,320 feet (1/4 miles), 1 mile, 4 miles, and 15 miles. These buffers were used to perform the groundwater, surface water, soil, and air pathways analyses. Summary tables for the Soil, Air, and Groundwater pathways were generated that lists the total number of target features (structures or wells) within each buffer range. The numbers of target features within each buffer range were then multiplied by the appropriate HRS factor for each AUM on the Navajo Nation, and a pathway score was tabulated.

The surface water pathway was developed using a different methodology because the targets are linear intermittent or perennial drainage features. A count of streams is not an appropriate method because it would result in counting multiple reaches for the same stream. Instead, the presence of a perennial or intermittent drainage within a buffer range was used to establish the scoring. A summary table was generated for every AUM site intersecting within 1 mile overland any drainage within 1 mile, 4 miles, and 15 miles.

Combined Pathway Scores were generated by summing the total scores of each pathway for each AUM site on the Navajo Nation.

RESULTS

This section presents the results of the HRS-derived screening model for AUM sites located on the Navajo Nation. As previously stated, these scores are not intended to indicate actual risk, but will be used to assist with establishing priorities for future investigations.

SOIL PATHWAY AND AIR PATHWAY

The soil exposure pathway involves direct exposure to hazardous substances and areas of suspected contamination. This pathway differs from the three migration pathways in that it accounts for contact with in-place hazardous substances at the site rather than migration of substances from the site. Evaluation of the soil pathway using the modified HRS required the location of the AUM sites and distance to structures. The HRS criteria used to evaluate the soil pathway are described under the HRS-derived model.

The air pathway involves wind that can entrain particulates from mine spoil piles, roads, and other disturbed areas. Waste rock at AUM sites contain radionuclides and metals that may be released as fugitive dust. This material can contaminate areas downwind as particles settle out of suspension in the air (EPA, 2000). Evaluation of the air pathway using the modified HRS also required the location of AUM sites and distance to structures.

The buffer distances around the AUM sites and the factors associated with each distance are the same for both the soil and air pathways under the modified HRS used for this assessment. The HRS criteria used to evaluate the air pathway are described under the HRS-derived model, and are the same as for the soil pathway. Scores for the soil and air pathway assessment are shown in Table 1 "Air and Soil Pathways Score Table for AUMs on and Within 1 Mile of the Navajo Nation."

SURFACE WATER PATHWAY

Water erosion is the process by which soil particles are detached and transported from their original location. Sedimentation is the by-product of erosion, whereby eroded particles are deposited at a different location from their origin. Erosion is a concern for AUMs because of the mine wastes. Major sources of erosion and sediment loadings at mining sites include waste rock and overburden piles, haul and access roads, exploration areas, and reclamation areas. Hazardous constituents (e.g. radionuclides and metals) associated with discharges from mining operations may be found at elevated levels in sediments (EPA, 2000).

Evaluation of the surface water pathway using the modified HRS required the location of the AUM sites and distance to perennial and intermittent streams or drainages. The HRS criteria used to evaluate the surface water pathway are described under the HRS-derived model. Scores for the surface water pathway assessment are shown in Table 2 "Surface Water Pathways Score Table for AUMs on and Within 1 Mile of the Navajo Nation."

GROUNDWATER PATHWAY

Mining operations can affect groundwater quality in several ways. The most obvious occurs in mining below the water table, such as underground workings, which can provide a direct conduit to aquifers. Groundwater quality is also affected when waters infiltrate through surface materials (e.g. mine debris piles) into groundwater. Contamination can also occur when there is an hydraulic connection between surface and groundwater. Any of these situations can cause elevated contaminant levels in groundwater. In addition, contaminated groundwater may discharge to surface water down-gradient of the AUM site, as contributions to base flow in a stream channel or springs (EPA, 2000).

Evaluation of the groundwater pathway using the HRS-derived criteria required the location of the AUM sites and distance to wells as described under the HRS-derived model. Scores for the groundwater pathway assessment are shown in Table 3 "Ground Water Pathways Score Table for AUMs on and Within 1 of the Navajo Nation."

COMBINED PATHWAYS

Once total scores were developed for each of the four pathways it was possible to tabulate a combined pathways score for each of the AUM sites. Scores for air, soil, surface water, and groundwater were summed to obtain a combined score. Two versions were prepared of the "Combined Pathways Score" tables:

- Table 4. Combined Pathways Score Table for AUMs on the Navajo Nation – by Combined Score.
- Table 5. Combined Pathways Score Table for AUMs on the Navajo Nation – by Chapter.

Fields in the Combined Pathways Tables are as follows:

| | |
|--------------|--|
| Mine ID | Each of the AUM sites was assigned an arbitrary, unique identifier (Mine ID). |
| UTM Easting | Centroid point for the AUM polygons in Universal Transverse Mercator (UTM), Zone 12, NAD 83 projection (x-coordinate) |
| UTM Northing | Centroid point for the AUM polygons in Universal Transverse Mercator (UTM), Zone 12, NAD 83 projection (y-coordinate) |
| Source_ID | <p>Due to the variety of sources used for the AUM GIS dataset, there is currently no single, consistent identifier for AUMs. AUM identifiers from the 3 primary sources include:</p> <ol style="list-style-type: none"> 1) NAMLRP reclamation project names (NA-xxx); 2) NAMLRP unreclaimed Site IDs (e.g. COV023). The naming convention used for Site ID was the first three characters of the NAMLRP Problem Area name and a three digit sequential number; and 3) McLemore uranium occurrences (NMMKxxxx). <p>There are a few designations from other sources that were used (e.g. Chenoweth)</p> |

| | |
|---------------------------|---|
| Mine_Name | Mine names have been included in the Combined Pathways Tables as available. To date, mine names have only been researched or verified for AUMs in the Red Valley Chapter. As the Screening Assessment Reports are developed for the 6 mining regions, it may be possible to associate mine names with the AUM polygons. In the current AUM GIS dataset, it is probable that more than one mine is contained within some AUM polygons. This is especially likely in the Grants Uranium Mining area. |
| Chapter 1 | Navajo Nation Chapter in which the AUM is located. If there is more than one Chapter listed, Chapter 1 is the predominant Chapter by area. |
| Chapter 2 | Navajo Nation Chapter in which an AUM is located that spans two Chapter boundaries. Chapter 2 is the secondary Chapter by area. |
| Total Air Score | Total score for the Air Pathway based on the number of structures that fall within the 200 feet, $\frac{1}{4}$ mile, and 1 mile buffers from the AUM sites, multiplied by the HRS-derived scoring factors of 100, 25, and 10 respectively. |
| Total Soil Score | Total score for the Soil Pathway based on the number of structures that fall within the 200 feet, $\frac{1}{4}$ mile, and 1 mile buffers from the AUM sites, multiplied by the HRS-derived scoring factors of 100, 25, and 10 respectively. |
| Total Surface Water Score | Total score for the Surface Water Pathway based on the presence of a stream or drainage within 1 mile, 4 miles, and 15 miles of an AUM site multiplied by the HRS-derived scoring factors of 100, 50, and 10 respectively. |
| Total Ground Water Score | Total score for the Ground Water Pathway based on the number of wells that fall within the $\frac{1}{4}$ mile, 1 mile, and 4 mile buffers from the AUM sites, multiplied by the HRS-derived scoring factors of 100, 50, and 10 respectively. |
| Combined Score | Summation of the total scores for each pathway |

DISCUSSION

Based on the modified HRS used for this assessment, combined scores for AUM sites on the Navajo Nation range from 10 to 9310. The AUM site identified by Mine ID #276 (NAMLRP Project Number NA-0420) has the highest combined pathway score (9310) on the Navajo Nation. This site is located in the Beclabito Chapter and scores high due to the presence of 175 structures within 1 mile of the AUM site (68 of these structures are within $\frac{1}{4}$ mile of the AUM site). There are 9 wells within 4 miles of this AUM site. NA-0420 is identified as a reclaimed rim strip/pit. Uranium production information has not yet been collected for this site. Review of the excess bismuth²¹⁴ radiation contour data does not indicate any elevated level in the vicinity. This result suggests that further characterization of the AUM as a potential contaminant source would aid the interpretation of the results.

The second highest scored AUM is the Ambrosia Lake Mill, which is located off the Navajo Nation but within 1 mile of its border. This site is under the U.S. Department of Energy (USDOE) Uranium Mill Tailings Radiation Control Act (UMTRA) program. The tailings covered approximately 42 hectares (105 acres). Wind and water erosion spread some of the tailings across a 231-hectare (570-acre) area, which could have impact on the Navajo Nation.

The third highest scored AUM is the Cove Transfer Station (Mine ID# 472) in Cove Chapter, which is located across the street from the Cove Day School. This AUM-related site was added to the AUM GIS dataset using the excess bismuth²¹⁴ radiation contour data. This site scores high due to the presence of

151 structures within 1 mile (22 of these structures are within $\frac{1}{4}$ mile). There are 16 wells within 4 miles of this site.

Results from the HRS-derived screening model allowed the development of an AUM site list for the Navajo Nation. The scoring is not intended to identify actual risks, but is meant to provide a coarse screening of priority AUM sites for further investigation. The GIS approach facilitated a consistent and documented process.

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TABLE 1. Air and Soil Pathways Score Table for AUMs on and Within 1 Mile of the Navajo Nation

| Mine_ID | Source_ID | Mine_Name | Chapter1 | Chapter2 | Structures on Mine Count | 200 Foot Structures Count | 1/4 Mile Structures Count | 1 Mile Structures Count | Total Structures | 200 Foot Score | 1/4 Mile Score | 1 Mile Score | Total Air Score | Total Soil Score |
|---------|------------------------------|-------------------------------|-----------------|----------|--------------------------|---------------------------|---------------------------|-------------------------|------------------|----------------|----------------|--------------|-----------------|------------------|
| 276 | NA-0420 | | Beclabito | | | 68 | 107 | 175 | 0 | 3400 | 1070 | 4470 | 4470 | |
| 470 | NMMK0349 | Ambrosia Lake Mill | Off NN | | 29 | 1 | 3 | 5 | 38 | 3000 | 150 | 50 | 3200 | 3200 |
| 472 | Cove Transfer Station | Cove Transfer Station | Cove | | | 2 | 22 | 127 | 151 | 200 | 1100 | 1270 | 2570 | 2570 |
| 471 | NMMK0125 | Church Rock Mill | Pinedale | | 13 | | 13 | 50 | 76 | 1300 | 650 | 500 | 2450 | 2450 |
| 228 | NA-0106 | A & B No. 3 | Cameron | | | | 15 | 164 | 179 | 0 | 750 | 1640 | 2390 | 2390 |
| 277 | NA-0424 | | Beclabito | | 1 | | 9 | 162 | 172 | 100 | 450 | 1620 | 2170 | 2170 |
| 304 | NMMK0117, NMMK0315 | NE Church Rock | Pinedale | | 10 | | 15 | 33 | 58 | 1000 | 750 | 330 | 2080 | 2080 |
| 296 | Occurrence B | Occurrence B | Chinle | | 1 | 1 | 2 | 166 | 170 | 200 | 100 | 1660 | 1960 | 1960 |
| 329 | NMMK0014, NMMK0073, NMMK0200 | Billy the Kid | Baca/Prewitt | | 13 | 1 | 1 | 28 | 43 | 1400 | 50 | 280 | 1730 | 1730 |
| 225 | NA-0214 | Keith Mine - A | Ojato | | | | 18 | 53 | 71 | 0 | 900 | 530 | 1430 | 1430 |
| 344 | NMMK0081 | Haystack | Baca/Prewitt | | 1 | | 16 | 41 | 58 | 100 | 800 | 410 | 1310 | 1310 |
| 317 | NMMK0102 | Mariano Lake | Mariano Lake | | | | 18 | 27 | 45 | 0 | 900 | 270 | 1170 | 1170 |
| 223 | NA-0237 | Rock Door Mine | Ojato | | | | 1 | 107 | 108 | 0 | 50 | 1070 | 1120 | 1120 |
| 305 | NMMK0112 | NE Church Rock No. 1 | Coyote Canyon | | 2 | | 7 | 40 | 49 | 200 | 350 | 400 | 950 | 950 |
| 175 | NA-0108 | A & B No. 2 | Cameron | | | | 1 | 88 | 89 | 0 | 50 | 880 | 930 | 930 |
| 343 | NMMK0195 | Section 18 | Baca/Prewitt | | | | 10 | 41 | 51 | 0 | 500 | 410 | 910 | 910 |
| 72 | NA-0902, NA-0918 | | Teeec Nos Pos | | | | 11 | 34 | 45 | 0 | 550 | 340 | 890 | 890 |
| 19 | NA-0808 | | Red Valley | | | 1 | 10 | 20 | 31 | 100 | 500 | 200 | 800 | 800 |
| 119 | NA-0125 | Charles Huskon No. 12 | Coalmine Canyon | | | | 8 | 36 | 44 | 0 | 400 | 360 | 760 | 760 |
| 310 | NMMK0028 | CD and S | Church Rock | | | | 6 | 45 | 51 | 0 | 300 | 450 | 750 | 750 |
| 301 | NMMK0102 | Mariano Lake | Mariano Lake | | | | 11 | 18 | 29 | 0 | 550 | 180 | 730 | 730 |
| 292 | NA-0900 | | Teeec Nos Pos | | | | 8 | 31 | 39 | 0 | 400 | 310 | 710 | 710 |
| 307 | NMMK0034, NMMK0318, NMMK0319 | Church Rock | Church Rock | | 1 | | 2 | 48 | 51 | 100 | 100 | 480 | 680 | 680 |
| 160 | NA-0124a | Jack Daniels No. 1-5 | Coalmine Canyon | | | | 3 | 51 | 54 | 0 | 150 | 510 | 660 | 660 |
| 80 | NA-0706 | | Tachee/Blue Gap | | | | 6 | 33 | 39 | 0 | 300 | 330 | 630 | 630 |
| 110 | NA-0551 | Foutz No. 2 | Church Rock | | | | 1 | 57 | 58 | 0 | 50 | 570 | 620 | 620 |
| 318 | NMMK0097 | Mac No. 1 | Mariano Lake | | | | 7 | 26 | 33 | 0 | 350 | 260 | 610 | 610 |
| 330 | NMMK0141 | Red Top | Baca/Prewitt | | | | 6 | 30 | 36 | 0 | 300 | 300 | 600 | 600 |
| 124 | NA-0129 | Charles Huskon No. 1 | Coalmine Canyon | | | | 0 | 60 | 60 | 0 | 0 | 600 | 600 | 600 |
| 71 | NA-0902, NA-0917A & B | | Teeec Nos Pos | | | | 5 | 35 | 40 | 0 | 250 | 350 | 600 | 600 |
| 20 | NA-0800 | Oak Springs Mine (Gravel Cap) | Red Valley | | | | 8 | 19 | 27 | 0 | 400 | 190 | 590 | 590 |
| 342 | NMMK0080 | Haystack | Baca/Prewitt | | | | 5 | 33 | 38 | 0 | 250 | 330 | 580 | 580 |
| 328 | NMMK0140 | Red Top | Baca/Prewitt | | | | 6 | 27 | 33 | 0 | 300 | 270 | 570 | 570 |
| 345 | NMMK0077 | Haystack | Baca/Prewitt | | | | 6 | 26 | 32 | 0 | 300 | 260 | 560 | 560 |
| 323 | NMMK0147, NMMK0260 | Ruby No. 3 | Smith Lake | | | 1 | 1 | 34 | 36 | 100 | 50 | 340 | 490 | 490 |

TABLE 1. Air and Soil Pathways Score Table for AUMs on and Within 1 Mile of the Navajo Nation

| Mine_ID | Source_ID | Mine_Name | Chapter1 | Chapter2 | Structures on Mine Count | 200 Foot Structures Count | 1/4 Mile Structures Count | 1 Mile Structures Count | Total Structures | 200 Foot Score | 1/4 Mile Score | 1 Mile Score | Total Air Score | Total Soil Score |
|---------|------------------------------------|------------------------------------|-----------------|----------|--------------------------|---------------------------|---------------------------|-------------------------|------------------|----------------|----------------|--------------|-----------------|------------------|
| 364 | NMMK0221, NMMK0207, NMMK0338 | Section 26 | Baca/Prewitt | Off NN | | 8 | 8 | 16 | 0 | 400 | 80 | 480 | 480 | 480 |
| 480 | NA-0821 | Stripped Area 3 of VCA Plot 3 | Red Valley | | | 0 | 46 | 46 | 0 | 0 | 460 | 460 | 460 | 460 |
| 479 | NA-0822 | | Red Valley | | | 0 | 46 | 46 | 0 | 0 | 460 | 460 | 460 | 460 |
| 478 | Oak156 | | Red Valley | | | 0 | 46 | 46 | 0 | 0 | 460 | 460 | 460 | 460 |
| 481 | NA-0806 | | Red Valley | | | 0 | 45 | 45 | 0 | 0 | 450 | 450 | 450 | 450 |
| 125 | NA-0127 | | Coalmine Canyon | | | 0 | 44 | 44 | 0 | 0 | 440 | 440 | 440 | 440 |
| 239 | NA-0226 | Harvey Blackwater Claim (North) | Kayenta | | 1 | 5 | 8 | 14 | 100 | 250 | 80 | 430 | 430 | 430 |
| 303 | NMMK0113, NMMK0116 | NE Church Rock No. 1-East | Nahodishgish | | | 2 | 33 | 35 | 0 | 100 | 330 | 430 | 430 | 430 |
| 284 | NA-0931 | | Teeec Nos Pos | | | 5 | 18 | 23 | 0 | 250 | 180 | 430 | 430 | 430 |
| 313 | NMMK0230 | Section 28 | Church Rock | | | 3 | 27 | 30 | 0 | 150 | 270 | 420 | 420 | 420 |
| 224 | NA-0215 | Norcross Mine - A | Ojato | | | 0 | 42 | 42 | 0 | 0 | 420 | 420 | 420 | 420 |
| 42 | NA-0828 | Red Rock Mine | Red Valley | | | 1 | 37 | 38 | 0 | 50 | 370 | 420 | 420 | 420 |
| 492 | Tse079 | | Teeec Nos Pos | | | 0 | 41 | 41 | 0 | 0 | 410 | 410 | 410 | 410 |
| 321 | NMMK0145, NMMK0146, NMMK0148 | Ruby No. 1 | Smith Lake | | | 4 | 20 | 24 | 0 | 200 | 200 | 400 | 400 | 400 |
| 70 | NA-0918 | | Teeec Nos Pos | | | 0 | 40 | 40 | 0 | 0 | 400 | 400 | 400 | 400 |
| 78 | NA-0701 | | Black Mesa | | | 2 | 29 | 31 | 0 | 100 | 290 | 390 | 390 | 390 |
| 79 | NA-0701 | | Black Mesa | | | 2 | 29 | 31 | 0 | 100 | 290 | 390 | 390 | 390 |
| 322 | NMMK0015 | Black Jack No. 1 | Smith Lake | | | 3 | 24 | 27 | 0 | 150 | 240 | 390 | 390 | 390 |
| 491 | NA-0907 | | Teeec Nos Pos | | | 0 | 39 | 39 | 0 | 0 | 390 | 390 | 390 | 390 |
| 189 | NA-0509A | | Red Mesa | | | 6 | 8 | 14 | 0 | 300 | 80 | 380 | 380 | 380 |
| 432 | Oak221 | Rocky Spring Mine | Red Valley | | | 2 | 28 | 30 | 0 | 100 | 280 | 380 | 380 | 380 |
| 188 | NA-0509B | | Sweetwater | | | 0 | 38 | 38 | 0 | 0 | 380 | 380 | 380 | 380 |
| 128 | NA-0130 | Max Johnson No. 10 | Coalmine Canyon | | | 0 | 37 | 37 | 0 | 0 | 370 | 370 | 370 | 370 |
| 245 | NA-0210 | Monument #1 Annex Mine | Ojato | | | 2 | 27 | 29 | 0 | 100 | 270 | 370 | 370 | 370 |
| 483 | NA-0815 | | Red Valley | | | 0 | 36 | 36 | 0 | 0 | 360 | 360 | 360 | 360 |
| 341 | NMMK0079 | Haystack | Baca/Prewitt | | | 2 | 25 | 27 | 0 | 100 | 250 | 350 | 350 | 350 |
| 315 | NMMK0038 | Crownpoint | Nahodishgish | 1 | | 0 | 25 | 26 | 100 | 0 | 250 | 350 | 350 | 350 |
| 482 | Oak143 | | Red Valley | | | 0 | 35 | 35 | 0 | 0 | 350 | 350 | 350 | 350 |
| 373 | Cam018 | | Coalmine Canyon | | | 5 | 9 | 14 | 0 | 250 | 90 | 340 | 340 | 340 |
| 120 | NA-0123 | Charles Huskon No. 19 | Coalmine Canyon | | | 3 | 19 | 22 | 0 | 150 | 190 | 340 | 340 | 340 |
| 426 | Cov098 | | Cove | | | 0 | 34 | 34 | 0 | 0 | 340 | 340 | 340 | 340 |
| 309 | NMMK0209 | Section 23 | Church Rock | | | 3 | 18 | 21 | 0 | 150 | 180 | 330 | 330 | 330 |
| 43 | NA-0828 | | Red Valley | | | 1 | 28 | 29 | 0 | 50 | 280 | 330 | 330 | 330 |
| 114 | NA-0922B | | Sweetwater | | | 0 | 33 | 33 | 0 | 0 | 330 | 330 | 330 | 330 |
| 319 | NMMK0016 | Black Jack No. 2 | Smith Lake | 1 | | 0 | 22 | 23 | 100 | 0 | 220 | 320 | 320 | 320 |
| 68 | NA-0911 | | Teeec Nos Pos | | | 2 | 22 | 24 | 0 | 100 | 220 | 320 | 320 | 320 |
| 65 | NA-0923 | | Teeec Nos Pos | | | 1 | 27 | 28 | 0 | 50 | 270 | 320 | 320 | 320 |
| 126 | NA-0128A | Lemuel Littleman No. 2 | Coalmine Canyon | | | 0 | 31 | 31 | 0 | 0 | 310 | 310 | 310 | 310 |
| 209 | NA-0550 | Foutz 3 | Church Rock | Iyanbito | | 0 | 30 | 30 | 0 | 0 | 300 | 300 | 300 | 300 |
| 353 | NMMK0220 | Section 25 | Off NN | | | 0 | 30 | 30 | 0 | 0 | 300 | 300 | 300 | 300 |

TABLE 1. Air and Soil Pathways Score Table for AUMs on and Within 1 Mile of the Navajo Nation

| Mine_ID | Source_ID | Mine_Name | Chapter1 | Chapter2 | Structures on Mine Count | 200 Foot Structures Count | 1/4 Mile Structures Count | 1 Mile Structures Count | Total Structures | 200 Foot Score | 1/4 Mile Score | 1 Mile Score | Total Air Score | Total Soil Score |
|---------|--------------------|---------------------------------|-----------------|---------------|--------------------------|---------------------------|---------------------------|-------------------------|------------------|----------------|----------------|--------------|-----------------|------------------|
| 52 | NA-0910 | | Sweetwater | | | 0 | 30 | 30 | 0 | 0 | 300 | 300 | 300 | |
| 116 | NA-0919A | | Teeec Nos Pos | | | 0 | 30 | 30 | 0 | 0 | 300 | 300 | 300 | |
| 474 | NMMK0152 | Section 1 | Baca/Prewitt | | | 0 | 29 | 29 | 0 | 0 | 290 | 290 | 290 | |
| 1 | NA-0828 | Red Wash Mine (Leroy Pettigrew) | Red Valley | | | 0 | 29 | 29 | 0 | 0 | 290 | 290 | 290 | |
| 441 | Oak230 | | Red Valley | | | 0 | 29 | 29 | 0 | 0 | 290 | 290 | 290 | |
| 64 | NA-0929 | | Teeec Nos Pos | | | 3 | 14 | 17 | 0 | 150 | 140 | 290 | 290 | |
| 346 | NMMK0168 | Section 5 | Baca/Prewitt | | | 0 | 28 | 28 | 0 | 0 | 280 | 280 | 280 | |
| 57 | NA-0915 | | Sweetwater | Teeec Nos Pos | | 1 | 23 | 24 | 0 | 50 | 230 | 280 | 280 | |
| 308 | NMMK0124 | Section 13 | Church Rock | | | 0 | 27 | 27 | 0 | 0 | 270 | 270 | 270 | |
| 127 | NA-0128B | Lemuel Littleman No. 2 | Coalmine Canyon | | | 0 | 27 | 27 | 0 | 0 | 270 | 270 | 270 | |
| 2 | NA-0817 | | Red Valley | | | 5 | 2 | 7 | 0 | 250 | 20 | 270 | 270 | |
| 69 | NA-0919B | | Teeec Nos Pos | | | 0 | 27 | 27 | 0 | 0 | 270 | 270 | 270 | |
| | NMMK0064, NMMK0259 | Febco | Baca/Prewitt | | | 0 | 26 | 26 | 0 | 0 | 260 | 260 | 260 | |
| 191 | NA-0507 | Toh Atin Mesa Mine | Red Mesa | | | 0 | 26 | 26 | 0 | 0 | 260 | 260 | 260 | |
| 487 | NA-0811 | King Tutt Point Mines | Red Valley | | | 2 | 16 | 18 | 0 | 100 | 160 | 260 | 260 | |
| 440 | Oak238 | | Red Valley | | | 1 | 21 | 22 | 0 | 50 | 210 | 260 | 260 | |
| 435 | Swt036 | | Sweetwater | | | 3 | 11 | 14 | 0 | 150 | 110 | 260 | 260 | |
| 475 | NMMK0277 | Unknown | Baca/Prewitt | | | 4 | 5 | 9 | 0 | 200 | 50 | 250 | 250 | |
| 389 | Mon069 | | Oljato | | | 0 | 25 | 25 | 0 | 0 | 250 | 250 | 250 | |
| 51 | NA-0909 | | Sweetwater | Teeec Nos Pos | | 0 | 25 | 25 | 0 | 0 | 250 | 250 | 250 | |
| 316 | NMMK0040 | Crownpoint | Crownpoint | | | 0 | 24 | 24 | 0 | 0 | 240 | 240 | 240 | |
| 254 | NA-0212 | Skyline Mine - East | Oljato | | | 1 | 19 | 20 | 0 | 50 | 190 | 240 | 240 | |
| 113 | NA-0922A | | Teeec Nos Pos | Sweetwater | | 0 | 24 | 24 | 0 | 0 | 240 | 240 | 240 | |
| 75 | NA-0705 | | Chilchinbeto | | | 3 | 8 | 11 | 0 | 150 | 80 | 230 | 230 | |
| 76 | NA-0710 | | Chilchinbeto | | | 3 | 8 | 11 | 0 | 150 | 80 | 230 | 230 | |
| 74 | NA-0712 | | Chilchinbeto | | | 0 | 23 | 23 | 0 | 0 | 230 | 230 | 230 | |
| 230 | NA-0124B | Kachina No. 6 | Coalmine Canyon | | | 1 | 18 | 19 | 0 | 50 | 180 | 230 | 230 | |
| 135 | NA-0138 | Boyd Tisi No. 2 | Coalmine Canyon | | | 4 | 3 | 7 | 0 | 200 | 30 | 230 | 230 | |
| 136 | NA-0139 | Juan Horse No. 3 | Coalmine Canyon | | | 4 | 3 | 7 | 0 | 200 | 30 | 230 | 230 | |
| 247 | NA-0210 | Mitten #2 - A | Oljato | | | 0 | 23 | 23 | 0 | 0 | 230 | 230 | 230 | |
| 220 | NA-0508B | | Red Mesa | | | 4 | 3 | 7 | 0 | 200 | 30 | 230 | 230 | |
| 18 | NA-0801 | | Red Valley | | | 1 | 17 | 18 | 0 | 50 | 170 | 220 | 220 | |
| 108 | NA-0922C | | Sweetwater | | | 0 | 22 | 22 | 0 | 0 | 220 | 220 | 220 | |
| 436 | Swt018 | | Sweetwater | | | 4 | 2 | 6 | 0 | 200 | 20 | 220 | 220 | |
| 61 | NA-0925, NA-0903 | | Teeec Nos Pos | | | 1 | 17 | 18 | 0 | 50 | 170 | 220 | 220 | |
| 327 | NMMK0055 | Elkins | Baca/Prewitt | | | 0 | 21 | 21 | 0 | 0 | 210 | 210 | 210 | |
| 253 | NA-0200 | Moonlight Mine | Oljato | | | 1 | 16 | 17 | 0 | 50 | 160 | 210 | 210 | |
| 484 | NA-0809 | | Red Valley | | | 0 | 21 | 21 | 0 | 0 | 210 | 210 | 210 | |
| 3 | NA-0816 | | Red Valley | | | 3 | 6 | 9 | 0 | 150 | 60 | 210 | 210 | |
| 464 | 999 | ???Uranium Mine??? | | | 2 | 0 | 1 | 3 | 200 | 0 | 10 | 210 | 210 | |
| 326 | NMMK0057 | Elkins | Baca/Prewitt | | | 0 | 20 | 20 | 0 | 0 | 200 | 200 | 200 | |
| 302 | NMMK0247 | Section 32, 33 | Casamero Lake | Baca/Prewitt | | 1 | 15 | 16 | 0 | 50 | 150 | 200 | 200 | |
| 246 | NA-0210 | Monument #1 - A | Oljato | | | 0 | 20 | 20 | 0 | 0 | 200 | 200 | 200 | |
| 248 | NA-0233 | Alma-Seggin Mine | Oljato | | | 0 | 20 | 20 | 0 | 0 | 200 | 200 | 200 | |

TABLE 1. Air and Soil Pathways Score Table for AUMs on and Within 1 Mile of the Navajo Nation

| Mine_ID | Source_ID | Mine_Name | Chapter1 | Chapter2 | Structures on Mine Count | 200 Foot Structures Count | 1/4 Mile Structures Count | 1 Mile Structures Count | Total Structures | 200 Foot Score | 1/4 Mile Score | 1 Mile Score | Total Air Score | Total Soil Score |
|---------|--------------------|-------------------------------------|-----------------|---------------|--------------------------|---------------------------|---------------------------|-------------------------|------------------|----------------|----------------|--------------|-----------------|------------------|
| 21 | NA-0405 | | Red Valley | | | 0 | 20 | 20 | 0 | 0 | 200 | 200 | 200 | 200 |
| 63 | NA-0928 | | Teeec Nos Pos | Sweetwater | | 4 | 0 | 4 | 0 | 200 | 0 | 200 | 200 | 200 |
| 384 | Cam051 | | Cameron | | | 0 | 19 | 19 | 0 | 0 | 190 | 190 | 190 | 190 |
| 250 | NA-0209 | Black Rock Mine | Olijato | | | 1 | 14 | 15 | 0 | 50 | 140 | 190 | 190 | 190 |
| 6 | NA-0804 | Lookout Point Incline Mine | Red Valley | | | 0 | 19 | 19 | 0 | 0 | 190 | 190 | 190 | 190 |
| 354 | NMMK0214 | Section 24 | Off NN | | 1 | 0 | 8 | 9 | 100 | 0 | 80 | 180 | 180 | 180 |
| 181 | NA-0217 | Harvey Black Mine | Olijato | | | 0 | 18 | 18 | 0 | 0 | 180 | 180 | 180 | 180 |
| 50 | NA-0914 | Sah Tah Mine | Sweetwater | Teeec Nos Pos | | 0 | 18 | 18 | 0 | 0 | 180 | 180 | 180 | 180 |
| | | Begay No. 1 and Carrizo No. 1 Mines | Red Valley | | | 2 | 7 | 9 | 0 | 100 | 70 | 170 | 170 | 170 |
| 488 | NA-0807 | Begay No. 1 and Carrizo No. 1 Mines | Red Valley | | | 2 | 7 | 9 | 0 | 100 | 70 | 170 | 170 | 170 |
| 485 | NA-0812 | | Red Valley | | | 2 | 7 | 9 | 0 | 100 | 70 | 170 | 170 | 170 |
| 486 | Oak125 | | Red Valley | | | 2 | 7 | 9 | 0 | 100 | 70 | 170 | 170 | 170 |
| 109 | NA-0922C | | Sweetwater | | | 0 | 17 | 17 | 0 | 0 | 170 | 170 | 170 | 170 |
| 66 | NA-0905 | Teeec Nos Pos | Sweetwater | | | 0 | 17 | 17 | 0 | 0 | 170 | 170 | 170 | 170 |
| 473 | NMMK0159 | Section 2 | Baca/Prewitt | | | 0 | 16 | 16 | 0 | 0 | 160 | 160 | 160 | 160 |
| 166 | NA-0116 | | Bodaway/Gap | | | 0 | 16 | 16 | 0 | 0 | 160 | 160 | 160 | 160 |
| 229 | NA-0124C | Jack Daniels No. 1-5 | Coalmine Canyon | | | 0 | 16 | 16 | 0 | 0 | 160 | 160 | 160 | 160 |
| 22 | NA-0406 | Leroy Mine | Red Valley | | | 0 | 16 | 16 | 0 | 0 | 160 | 160 | 160 | 160 |
| 41 | NA-0818 | | Red Valley | | | 1 | 11 | 12 | 0 | 50 | 110 | 160 | 160 | 160 |
| 55 | NA-0912 | | Sweetwater | Teeec Nos Pos | | 2 | 6 | 8 | 0 | 100 | 60 | 160 | 160 | 160 |
| 56 | NA-0920 | | Sweetwater | | | 2 | 6 | 8 | 0 | 100 | 60 | 160 | 160 | 160 |
| 67 | NA-0924 | | Sweetwater | Teeec Nos Pos | | 0 | 16 | 16 | 0 | 0 | 160 | 160 | 160 | 160 |
| 59 | NA-0904 | Teeec Nos Pos | Sweetwater | | | 0 | 16 | 16 | 0 | 0 | 160 | 160 | 160 | 160 |
| 351 | NMMK0090 | Junior | Baca/Prewitt | | | 0 | 15 | 15 | 0 | 0 | 150 | 150 | 150 | 150 |
| 340 | NMMK0258 | Silver Spur | Baca/Prewitt | | | 0 | 15 | 15 | 0 | 0 | 150 | 150 | 150 | 150 |
| 443 | Bec060 | | Beclabito | | | 2 | 5 | 7 | 0 | 100 | 50 | 150 | 150 | 150 |
| 46 | NA-0403 | | Beclabito | | | 2 | 5 | 7 | 0 | 100 | 50 | 150 | 150 | 150 |
| 118 | NA-0105a | Henry Sloan No. 1 | Bodaway/Gap | | | 3 | 0 | 3 | 0 | 150 | 0 | 150 | 150 | 150 |
| 402 | Blk002 | | Chilchinbeto | | | 1 | 10 | 11 | 0 | 50 | 100 | 150 | 150 | 150 |
| 392 | Mon030 | Tract 24 Mine - B | Olijato | | | 2 | 5 | 7 | 0 | 100 | 50 | 150 | 150 | 150 |
| 8 | NA-0814 | | Red Valley | | | 0 | 15 | 15 | 0 | 0 | 150 | 150 | 150 | 150 |
| 53 | NA-0921A | | Sweetwater | Teeec Nos Pos | | 0 | 15 | 15 | 0 | 0 | 150 | 150 | 150 | 150 |
| 60 | NA-0916 | | Teeec Nos Pos | Sweetwater | | 0 | 15 | 15 | 0 | 0 | 150 | 150 | 150 | 150 |
| 62 | NA-0927 | | Teeec Nos Pos | | | 1 | 10 | 11 | 0 | 50 | 100 | 150 | 150 | 150 |
| 89 | NA-0750 | | Teesto | | | 0 | 15 | 15 | 0 | 0 | 150 | 150 | 150 | 150 |
| 306 | NMMK0114 | NE Church Rock No. 2 | Coyote Canyon | | | 0 | 14 | 14 | 0 | 0 | 140 | 140 | 140 | 140 |
| 514 | Mon011 | Naschoy Mine | Olijato | | | 1 | 9 | 10 | 0 | 50 | 90 | 140 | 140 | 140 |
| 249 | NA-0209 | Black Rock Mine | Olijato | | | 0 | 14 | 14 | 0 | 0 | 140 | 140 | 140 | 140 |
| 513 | NA-0222 | | Olijato | | | 1 | 9 | 10 | 0 | 50 | 90 | 140 | 140 | 140 |
| 449 | Swt047 | | Red Mesa | | | 0 | 14 | 14 | 0 | 0 | 140 | 140 | 140 | 140 |
| 219 | NA-0518 | | Sweetwater | | | 0 | 14 | 14 | 0 | 0 | 140 | 140 | 140 | 140 |
| 406 | Blk029 | | Black Mesa | | | 0 | 13 | 13 | 0 | 0 | 130 | 130 | 130 | 130 |
| 314 | NMMK0047 | Diamond No. 2 | Church Rock | | | 1 | 8 | 9 | 0 | 50 | 80 | 130 | 130 | 130 |
| 359 | NMMK0175 | Section 10 | Off NN | | 1 | 0 | 3 | 4 | 100 | 0 | 30 | 130 | 130 | 130 |
| 363 | NMMK0219, NMMK0215 | Section 25 Open Pit | Off NN | | | 0 | 13 | 13 | 0 | 0 | 130 | 130 | 130 | 130 |

TABLE 1. Air and Soil Pathways Score Table for AUMs on and Within 1 Mile of the Navajo Nation

| Mine_ID | Source_ID | Mine_Name | Chapter1 | Chapter2 | Structures on Mine Count | 200 Foot Structures Count | 1/4 Mile Structures Count | 1 Mile Structures Count | Total Structures | 200 Foot Score | 1/4 Mile Score | 1 Mile Score | Total Air Score | Total Soil Score |
|---------|------------------------------|----------------------------------|-----------------|---------------|--------------------------|---------------------------|---------------------------|-------------------------|------------------|----------------|----------------|--------------|-----------------|------------------|
| 391 | Mon029 | Tract 24 Mine - A | Olijato | | | 2 | 3 | 5 | 0 | 100 | 30 | 130 | 130 | 130 |
| 23 | NA-0407 | Lower Canyon Mine | Red Valley | | | 0 | 13 | 13 | 0 | 0 | 130 | 130 | 130 | 130 |
| 7 | NA-0820 | Stripped Area 1 of VCA Plot 3 | Red Valley | | | 0 | 13 | 13 | 0 | 0 | 130 | 130 | 130 | 130 |
| 217 | NA-0506 | | Sweetwater | | | 0 | 13 | 13 | 0 | 0 | 130 | 130 | 130 | 130 |
| 58 | NA-0926 | | Sweetwater | Teeec Nos Pos | | 0 | 13 | 13 | 0 | 0 | 130 | 130 | 130 | 130 |
| 331 | NMMK0076 | Haven | Baca/Prewitt | | | 0 | 12 | 12 | 0 | 0 | 120 | 120 | 120 | 120 |
| 312 | NMMK0083 | Hogback | Church Rock | | | 0 | 12 | 12 | 0 | 0 | 120 | 120 | 120 | 120 |
| 131 | NA-0134 | Alice Tolino No. 1 & 3 | Coalmine Canyon | | | 0 | 12 | 12 | 0 | 0 | 120 | 120 | 120 | 120 |
| 31 | NA-0825 | Upper Red Wash Mine | Red Valley | | 1 | 0 | 2 | 3 | 100 | 0 | 20 | 120 | 120 | 120 |
| 218 | NA-0506 | | Sweetwater | | | 0 | 12 | 12 | 0 | 0 | 120 | 120 | 120 | 120 |
| 332 | NMMK0136 | Red Cap | Baca/Prewitt | | | 0 | 11 | 11 | 0 | 0 | 110 | 110 | 110 | 110 |
| 117 | NA-0105b | Henry Sloan No. 1 | Bodaway/Gap | | | 2 | 1 | 3 | 0 | 100 | 10 | 110 | 110 | 110 |
| 383 | Cam052 | | Cameron | | | 0 | 11 | 11 | 0 | 0 | 110 | 110 | 110 | 110 |
| 400 | Blk001 | | Chilchinbeto | | | 0 | 11 | 11 | 0 | 0 | 110 | 110 | 110 | 110 |
| 401 | Blk001a | | Chilchinbeto | | | 0 | 11 | 11 | 0 | 0 | 110 | 110 | 110 | 110 |
| 358 | NMMK0051 | Dysart No. 1 | Off NN | | | 1 | 6 | 7 | 0 | 50 | 60 | 110 | 110 | 110 |
| 476 | NMMK0085 | Hutton-James | Baca/Prewitt | | | 0 | 10 | 10 | 0 | 0 | 100 | 100 | 100 | 100 |
| 356 | NMMK0206 | Section 22 | Baca/Prewitt | Off NN | | 2 | 0 | 2 | 0 | 100 | 0 | 100 | 100 | 100 |
| 104 | NA-0320 | | Cove | | | 0 | 10 | 10 | 0 | 0 | 100 | 100 | 100 | 100 |
| 399 | Mon019 | Sally Mine | Kayenta | | | 0 | 10 | 10 | 0 | 0 | 100 | 100 | 100 | 100 |
| 521 | NA-0204 | Willie Water Claim | Kayenta | | | 0 | 10 | 10 | 0 | 0 | 100 | 100 | 100 | 100 |
| 463 | 88 | Black Point-Murphy Group | Off NN | | | 2 | 0 | 2 | 0 | 100 | 0 | 100 | 100 | 100 |
| 115 | NA-0921B | | Teeec Nos Pos | Sweetwater | | 0 | 10 | 10 | 0 | 0 | 100 | 100 | 100 | 100 |
| 350 | NMMK0123 | Pat | Baca/Prewitt | | | 0 | 9 | 9 | 0 | 0 | 90 | 90 | 90 | 90 |
| 73 | NA-0711 | | Chilchinbeto | | | 0 | 9 | 9 | 0 | 0 | 90 | 90 | 90 | 90 |
| 365 | NMMK0218 | Section 25 SEQ | Off NN | | | 0 | 9 | 9 | 0 | 0 | 90 | 90 | 90 | 90 |
| 9 | NA-0803 | Lookout Point Mines | Red Valley | | | 0 | 9 | 9 | 0 | 0 | 90 | 90 | 90 | 90 |
| 10 | NA-0810 | Begay No. 2 Mine | Red Valley | | | 0 | 9 | 9 | 0 | 0 | 90 | 90 | 90 | 90 |
| 16 | NA-0823 | Upper Salt Rock Canyon Mine | Red Valley | | | 0 | 9 | 9 | 0 | 0 | 90 | 90 | 90 | 90 |
| 187 | NA-0500 | | Sweetwater | | | 0 | 9 | 9 | 0 | 0 | 90 | 90 | 90 | 90 |
| 54 | NA-0908 | | Sweetwater | Teeec Nos Pos | | 0 | 9 | 9 | 0 | 0 | 90 | 90 | 90 | 90 |
| 452 | 7 | A & B No. 13 | Bodaway/Gap | | | 0 | 8 | 8 | 0 | 0 | 80 | 80 | 80 | 80 |
| 300 | Zhealy Tso, N. Part Parcel 1 | Zhealy Tso | Chinle | | | 0 | 8 | 8 | 0 | 0 | 80 | 80 | 80 | 80 |
| 238 | NA-0226 | Harvey Blackwater Claim (South) | Kayenta | | | 0 | 8 | 8 | 0 | 0 | 80 | 80 | 80 | 80 |
| 30 | NA-0817 | Red Wash Mine (Hosteen S. Begay) | Red Valley | | | 0 | 8 | 8 | 0 | 0 | 80 | 80 | 80 | 80 |
| 4 | NA-0826 | | Red Valley | | | 0 | 8 | 8 | 0 | 0 | 80 | 80 | 80 | 80 |
| 216 | NA-0504 | | Sweetwater | | | 0 | 8 | 8 | 0 | 0 | 80 | 80 | 80 | 80 |
| 283 | NA-0930 | | Teeec Nos Pos | | | 0 | 8 | 8 | 0 | 0 | 80 | 80 | 80 | 80 |
| 333 | NMMK0345 | Yucca | Baca/Prewitt | | | 0 | 7 | 7 | 0 | 0 | 70 | 70 | 70 | 70 |
| 92 | NA-0104 | Charles Huskon No. 6 | Coalmine Canyon | | | 1 | 2 | 3 | 0 | 50 | 20 | 70 | 70 | 70 |
| 134 | NA-0137 | Yazzie No. 312 | Coalmine Canyon | | | 0 | 7 | 7 | 0 | 0 | 70 | 70 | 70 | 70 |

TABLE 1. Air and Soil Pathways Score Table for AUMs on and Within 1 Mile of the Navajo Nation

| Mine_ID | Source_ID | Mine_Name | Chapter1 | Chapter2 | Structures on Mine Count | 200 Foot Structures Count | 1/4 Mile Structures Count | 1 Mile Structures Count | Total Structures | 200 Foot Score | 1/4 Mile Score | 1 Mile Score | Total Air Score | Total Soil Score |
|---------|------------------------------|--|-----------------|----------|--------------------------|---------------------------|---------------------------|-------------------------|------------------|----------------|----------------|--------------|-----------------|------------------|
| 123 | NA-0141 | Juan Horse No. 4 | Coalmine Canyon | | | 0 | 7 | 7 | 0 | 0 | 70 | 70 | 70 | 70 |
| 240 | NA-0226 | | Kayenta | | | 0 | 7 | 7 | 0 | 0 | 70 | 70 | 70 | 70 |
| 226 | NA-0218 | Monument #3 Mine | Ojato | | | 0 | 7 | 7 | 0 | 0 | 70 | 70 | 70 | 70 |
| 190 | NA-0508A | | Red Mesa | | | 0 | 7 | 7 | 0 | 0 | 70 | 70 | 70 | 70 |
| 448 | Swt048 | | Red Mesa | | | 0 | 7 | 7 | 0 | 0 | 70 | 70 | 70 | 70 |
| 15 | NA-0802 | Franks Point Mine | Red Valley | | | 0 | 7 | 7 | 0 | 0 | 70 | 70 | 70 | 70 |
| 320 | NMMK0098 | Mac No. 2 | Smith Lake | | | 0 | 7 | 7 | 0 | 0 | 70 | 70 | 70 | 70 |
| 295 | MP206 | MP206 | Teeec Nos Pos | | | 0 | 7 | 7 | 0 | 0 | 70 | 70 | 70 | 70 |
| 112 | NA-0229 | Montezuma Creek Mine | Aneth | | | 0 | 6 | 6 | 0 | 0 | 60 | 60 | 60 | 60 |
| 349 | NMMK0123 | Pat | Baca/Prewitt | | | 0 | 6 | 6 | 0 | 0 | 60 | 60 | 60 | 60 |
| 325 | NMMK0257 | Silver Bit | Baca/Prewitt | | | 0 | 6 | 6 | 0 | 0 | 60 | 60 | 60 | 60 |
| 85 | NA-0703 | | Black Mesa | | | 0 | 6 | 6 | 0 | 0 | 60 | 60 | 60 | 60 |
| 121 | NA-0113 | Jeepster No. 1 | Coalmine Canyon | | | 0 | 6 | 6 | 0 | 0 | 60 | 60 | 60 | 60 |
| 237 | NA-0213 | | Dennehotso | | | 0 | 6 | 6 | 0 | 0 | 60 | 60 | 60 | 60 |
| 260 | NA-0211 | Milten 31 Mine | Ojato | | | 0 | 6 | 6 | 0 | 0 | 60 | 60 | 60 | 60 |
| 255 | NA-0212 | Mitten #1 'A' | Ojato | | | 0 | 6 | 6 | 0 | 0 | 60 | 60 | 60 | 60 |
| 477 | NA-0805 | Shadyside Incline | Red Valley | | | 0 | 6 | 6 | 0 | 0 | 60 | 60 | 60 | 60 |
| 5 | NA-0824 | | Red Valley | | | 0 | 6 | 6 | 0 | 0 | 60 | 60 | 60 | 60 |
| 32 | NA-0825 | Upper Red Wash Mine | Red Valley | | | 1 | 1 | 2 | 0 | 50 | 10 | 60 | 60 | 60 |
| 348 | NMMK0041 | Dakota | Baca/Prewitt | | | 0 | 5 | 5 | 0 | 0 | 50 | 50 | 50 | 50 |
| 172 | NA-0113 | | Bodaway/Gap | | | 1 | 0 | 1 | 0 | 50 | 0 | 50 | 50 | 50 |
| 382 | Cam043 | | Cameron | | | 1 | 0 | 1 | 0 | 50 | 0 | 50 | 50 | 50 |
| | Zhealy Tso, S. Part Parcel 1 | Zhealy Tso | Chinle | | | 0 | 5 | 5 | 0 | 0 | 50 | 50 | 50 | 50 |
| 297 | Cov052 | | Cove | | | 1 | 0 | 1 | 0 | 50 | 0 | 50 | 50 | 50 |
| 417 | Cov053 | | Cove | | | 1 | 0 | 1 | 0 | 50 | 0 | 50 | 50 | 50 |
| 421 | Cov099 | Frank Jr. Mine | Cove | | | 0 | 5 | 5 | 0 | 0 | 50 | 50 | 50 | 50 |
| 98 | NA-0313 | | Cove | | | 1 | 0 | 1 | 0 | 50 | 0 | 50 | 50 | 50 |
| 291 | NA-0751 | | Indian Wells | | | 0 | 5 | 5 | 0 | 0 | 50 | 50 | 50 | 50 |
| 355 | NMMK0208 | Section 23 | Off NN | | | 0 | 5 | 5 | 0 | 0 | 50 | 50 | 50 | 50 |
| 370 | NMMK0235 | Section 30 | Off NN | | | 1 | 0 | 1 | 0 | 50 | 0 | 50 | 50 | 50 |
| 394 | Mon006 | Joe Rock Mine | Ojato | | | 0 | 5 | 5 | 0 | 0 | 50 | 50 | 50 | 50 |
| 24 | NA-0408 | | Red Valley | | | 0 | 5 | 5 | 0 | 0 | 50 | 50 | 50 | 50 |
| 11 | NA-0813 | | Red Valley | | | 0 | 5 | 5 | 0 | 0 | 50 | 50 | 50 | 50 |
| 184 | NA-0505A | | Sweetwater | | | 0 | 5 | 5 | 0 | 0 | 50 | 50 | 50 | 50 |
| 185 | NA-0505B | | Sweetwater | | | 0 | 5 | 5 | 0 | 0 | 50 | 50 | 50 | 50 |
| 186 | NA-0505C | | Sweetwater | | | 0 | 5 | 5 | 0 | 0 | 50 | 50 | 50 | 50 |
| 352 | NMMK0164 | Section 4 | Baca/Prewitt | | | 0 | 4 | 4 | 0 | 0 | 40 | 40 | 40 | 40 |
| 451 | 8 | A & B No. 7 | Bodaway/Gap | | | 0 | 4 | 4 | 0 | 0 | 40 | 40 | 40 | 40 |
| 374 | Cam012 | | Coalmine Canyon | | | 0 | 4 | 4 | 0 | 0 | 40 | 40 | 40 | 40 |
| 133 | NA-0135 | Evans Huskon No. 2 | Coalmine Canyon | | | 0 | 4 | 4 | 0 | 0 | 40 | 40 | 40 | 40 |
| 132 | NA-0136 | Yazzie No. 101 | Coalmine Canyon | | | 0 | 4 | 4 | 0 | 0 | 40 | 40 | 40 | 40 |
| 155 | NA-0196A | RAMCO No. 24 | Coalmine Canyon | | | 0 | 4 | 4 | 0 | 0 | 40 | 40 | 40 | 40 |
| 157 | NA-0197 | Charles Huskon No. 4 & Paul Huskie No. 3 | Coalmine Canyon | | | 0 | 4 | 4 | 0 | 0 | 40 | 40 | 40 | 40 |
| 360 | NMMK0019 | Bobcat | Off NN | | | 0 | 4 | 4 | 0 | 0 | 40 | 40 | 40 | 40 |

TABLE 1. Air and Soil Pathways Score Table for AUMs on and Within 1 Mile of the Navajo Nation

| Mine_ID | Source_ID | Mine_Name | Chapter1 | Chapter2 | Structures on Mine Count | 200 Foot Structures Count | 1/4 Mile Structures Count | 1 Mile Structures Count | Total Structures | 200 Foot Score | 1/4 Mile Score | 1 Mile Score | Total Air Score | Total Soil Score |
|---------|---------------------------------|-----------------------------|--------------------|----------|--------------------------|---------------------------|---------------------------|-------------------------|------------------|----------------|----------------|--------------|-----------------|------------------|
| 357 | NMMK0183 | Section 15 | Off NN | | | 0 | 4 | 4 | 0 | 0 | 40 | 40 | 40 | 40 |
| 393 | Mon013 | Daylight Mine | Olijato | | | 0 | 4 | 4 | 0 | 0 | 40 | 40 | 40 | 40 |
| 12 | NA-0827 | Williams Point Mine | Red Valley | | | 0 | 4 | 4 | 0 | 0 | 40 | 40 | 40 | 40 |
| 212 | NA-0515 | | Sweetwater | | | 0 | 4 | 4 | 0 | 0 | 40 | 40 | 40 | 40 |
| 404 | Blk022 | | Tselani/Cottonwood | | | 0 | 4 | 4 | 0 | 0 | 40 | 40 | 40 | 40 |
| 84 | NA-0708 | | Tselani/Cottonwood | | | 0 | 4 | 4 | 0 | 0 | 40 | 40 | 40 | 40 |
| 265 | NA-0413 | | Beclabito | | | 0 | 3 | 3 | 0 | 0 | 30 | 30 | 30 | 30 |
| 266 | NA-0413 | | Beclabito | | | 0 | 3 | 3 | 0 | 0 | 30 | 30 | 30 | 30 |
| | Zhealy Tso, W. Part Parcel 1 | Zhealy Tso | Chinle | | | 0 | 3 | 3 | 0 | 0 | 30 | 30 | 30 | 30 |
| 299 | NA-0110A | Max Johnson No. 7 | Coalmine Canyon | | | 0 | 3 | 3 | 0 | 0 | 30 | 30 | 30 | 30 |
| 159 | NA-0194 | Julius Chee No. 3 | Coalmine Canyon | | | 0 | 3 | 3 | 0 | 0 | 30 | 30 | 30 | 30 |
| 158 | NA-0195 | Julius Chee No. 2 | Coalmine Canyon | | | 0 | 3 | 3 | 0 | 0 | 30 | 30 | 30 | 30 |
| 156 | NA-0196B | RAMCO No. 24 | Coalmine Canyon | | | 0 | 3 | 3 | 0 | 0 | 30 | 30 | 30 | 30 |
| 235 | NA-0197B | Charles Huskon No. 18 | Coalmine Canyon | | | 0 | 3 | 3 | 0 | 0 | 30 | 30 | 30 | 30 |
| 423 | Cov026 | | Cove | | | 0 | 3 | 3 | 0 | 0 | 30 | 30 | 30 | 30 |
| 101 | NA-0314 | | Cove | | | 0 | 3 | 3 | 0 | 0 | 30 | 30 | 30 | 30 |
| 518 | Mon077 | | Olijato | | | 0 | 3 | 3 | 0 | 0 | 30 | 30 | 30 | 30 |
| 182 | NA-0216 | Torn Holiday Mine | Olijato | | | 0 | 3 | 3 | 0 | 0 | 30 | 30 | 30 | 30 |
| 519 | NA-0219 | Big Four Mine | Olijato | | | 0 | 3 | 3 | 0 | 0 | 30 | 30 | 30 | 30 |
| 517 | NA-0234 | | Olijato | | | 0 | 3 | 3 | 0 | 0 | 30 | 30 | 30 | 30 |
| 26 | NA-0409 | Hazel Mine | Red Valley | | | 0 | 3 | 3 | 0 | 0 | 30 | 30 | 30 | 30 |
| 27 | NA-0410 | Lone Star Mine | Red Valley | | | 0 | 3 | 3 | 0 | 0 | 30 | 30 | 30 | 30 |
| 28 | NA-0411 | Cottonwood Butte Mine | Red Valley | | | 0 | 3 | 3 | 0 | 0 | 30 | 30 | 30 | 30 |
| 17 | NA-0818 | | Red Valley | | | 0 | 3 | 3 | 0 | 0 | 30 | 30 | 30 | 30 |
| 289 | NA-0823 | Lower Salt Rock Canyon Mine | Red Valley | | | 0 | 3 | 3 | 0 | 0 | 30 | 30 | 30 | 30 |
| 77 | NA-0700 | | Rough Rock | | | 0 | 3 | 3 | 0 | 0 | 30 | 30 | 30 | 30 |
| 336 | NMMK0002 | Alta | Baca/Prewitt | | | 0 | 2 | 2 | 0 | 0 | 20 | 20 | 20 | 20 |
| 442 | Bec054 | | Beclabito | | | 0 | 2 | 2 | 0 | 0 | 20 | 20 | 20 | 20 |
| 47 | NA-0404 | | Beclabito | | | 0 | 2 | 2 | 0 | 0 | 20 | 20 | 20 | 20 |
| 271 | NA-0417 | | Beclabito | | | 0 | 2 | 2 | 0 | 0 | 20 | 20 | 20 | 20 |
| 270 | NA-0418 | | Beclabito | | | 0 | 2 | 2 | 0 | 0 | 20 | 20 | 20 | 20 |
| 272 | NA-0418 | | Beclabito | | | 0 | 2 | 2 | 0 | 0 | 20 | 20 | 20 | 20 |
| 281 | NA-0419 | | Beclabito | | | 0 | 2 | 2 | 0 | 0 | 20 | 20 | 20 | 20 |
| 178 | NA-0103B | Earl Huskon No. 1 | Bodaway/Gap | | | 0 | 2 | 2 | 0 | 0 | 20 | 20 | 20 | 20 |
| | Zhealy Tso, W. Part Parcel 1 | Zhealy Tso | Chinle | | | 0 | 2 | 2 | 0 | 0 | 20 | 20 | 20 | 20 |
| 298 | Cov086 | | Cove | | | 0 | 2 | 2 | 0 | 0 | 20 | 20 | 20 | 20 |
| 507 | Cov087 | | Cove | | | 0 | 2 | 2 | 0 | 0 | 20 | 20 | 20 | 20 |
| 415 | Cov230 | | Cove | | | 0 | 2 | 2 | 0 | 0 | 20 | 20 | 20 | 20 |
| 510 | NA-0301 | Frank No. 1 Mines | Cove | | | 0 | 2 | 2 | 0 | 0 | 20 | 20 | 20 | 20 |
| 106 | NA-0316 | Frank No. 1 Mines | Cove | | | 0 | 2 | 2 | 0 | 0 | 20 | 20 | 20 | 20 |
| 107 | NA-0316 | | Cove | | | 0 | 2 | 2 | 0 | 0 | 20 | 20 | 20 | 20 |
| 505 | NA-0317 | | Cove | | | 0 | 2 | 2 | 0 | 0 | 20 | 20 | 20 | 20 |

TABLE 1. Air and Soil Pathways Score Table for AUMs on and Within 1 Mile of the Navajo Nation

| Mine_ID | Source_ID | Mine_Name | Chapter1 | Chapter2 | Structures on Mine Count | 200 Foot Structures Count | 1/4 Mile Structures Count | 1 Mile Structures Count | Total Structures | 200 Foot Score | 1/4 Mile Score | 1 Mile Score | Total Air Score | Total Soil Score |
|---------|---------------------|-----------------------|-----------------|----------|--------------------------|---------------------------|---------------------------|-------------------------|------------------|----------------|----------------|--------------|-----------------|------------------|
| 508 | NA-0317 | | Cove | | | 0 | 2 | 2 | 0 | 0 | 20 | 20 | 20 | 20 |
| 509 | NA-0317 | | Cove | | | 0 | 2 | 2 | 0 | 0 | 20 | 20 | 20 | 20 |
| 105 | NA-0319 | | Cove | | | 0 | 2 | 2 | 0 | 0 | 20 | 20 | 20 | 20 |
| 469 | NA-0319 | | Cove | | | 0 | 2 | 2 | 0 | 0 | 20 | 20 | 20 | 20 |
| 520 | Mon007 | Big Four Mine | Ojato | | | 0 | 2 | 2 | 0 | 0 | 20 | 20 | 20 | 20 |
| 396 | Mon065 | | Ojato | | | 0 | 2 | 2 | 0 | 0 | 20 | 20 | 20 | 20 |
| 252 | NA-0201 | Boot Jack Mine | Ojato | | | 0 | 2 | 2 | 0 | 0 | 20 | 20 | 20 | 20 |
| 258 | NA-0208 | | Ojato | | | 0 | 2 | 2 | 0 | 0 | 20 | 20 | 20 | 20 |
| 259 | NA-0208 | | Ojato | | | 0 | 2 | 2 | 0 | 0 | 20 | 20 | 20 | 20 |
| 516 | NA-0211 | C-3 Mine | Ojato | | | 0 | 2 | 2 | 0 | 0 | 20 | 20 | 20 | 20 |
| 256 | NA-0212 | Mitten #1 'B' | Ojato | | | 0 | 2 | 2 | 0 | 0 | 20 | 20 | 20 | 20 |
| 44 | NA-0610 | | Sanostee | | | 0 | 2 | 2 | 0 | 0 | 20 | 20 | 20 | 20 |
| 274 | NA-0511 | | Sweetwater | | | 0 | 2 | 2 | 0 | 0 | 20 | 20 | 20 | 20 |
| 275 | NA-0511 | | Sweetwater | | | 0 | 2 | 2 | 0 | 0 | 20 | 20 | 20 | 20 |
| 211 | NA-0513 | | Sweetwater | | | 0 | 2 | 2 | 0 | 0 | 20 | 20 | 20 | 20 |
| 294 | W027031 | PETE 6 & 7 | Aneth | Off NN | | 0 | 1 | 1 | 0 | 0 | 10 | 10 | 10 | 10 |
| 347 | NMMK0138 | Red Point | Baca/Prewitt | | | 0 | 1 | 1 | 0 | 0 | 10 | 10 | 10 | 10 |
| 324 | NMMK0255 | Silver Bit | Baca/Prewitt | | | 0 | 1 | 1 | 0 | 0 | 10 | 10 | 10 | 10 |
| 183 | NA-0102 | Paul Huskie No.21 | Bodaway/Gap | | | 0 | 1 | 1 | 0 | 0 | 10 | 10 | 10 | 10 |
| 453 | 67a | Section 1 Lease | Cameron | Off NN | | 0 | 1 | 1 | 0 | 0 | 10 | 10 | 10 | 10 |
| 176 | NA-0107 | Montezuma No. 1 | Cameron | | | 0 | 1 | 1 | 0 | 0 | 10 | 10 | 10 | 10 |
| 137 | NA-0149d | Charles Huskon No. 3 | Cameron | | | 0 | 1 | 1 | 0 | 0 | 10 | 10 | 10 | 10 |
| 232 | NA-0155B | Charles Huskon No. 10 | Cameron | | | 0 | 1 | 1 | 0 | 0 | 10 | 10 | 10 | 10 |
| 170 | NA-0164 | Taylor Reid No. 2 | Cameron | | | 0 | 1 | 1 | 0 | 0 | 10 | 10 | 10 | 10 |
| 144 | NA-0166 | Charles Huskon No. 11 | Cameron | Off NN | | 0 | 1 | 1 | 0 | 0 | 10 | 10 | 10 | 10 |
| 378 | Cam062 | | Coalmine Canyon | | | 0 | 1 | 1 | 0 | 0 | 10 | 10 | 10 | 10 |
| 234 | NA-0110B | Amos Chee No. 8 | Coalmine Canyon | | | 0 | 1 | 1 | 0 | 0 | 10 | 10 | 10 | 10 |
| 154 | NA-0198 | Emmet Lee No. 3 | Coalmine Canyon | | | 0 | 1 | 1 | 0 | 0 | 10 | 10 | 10 | 10 |
| 425 | Cov000 | | Cove | | | 0 | 1 | 1 | 0 | 0 | 10 | 10 | 10 | 10 |
| 418 | Cov033 | | Cove | | | 0 | 1 | 1 | 0 | 0 | 10 | 10 | 10 | 10 |
| 416 | Cov054 | | Cove | | | 0 | 1 | 1 | 0 | 0 | 10 | 10 | 10 | 10 |
| 96 | NA-0312 | | Cove | | | 0 | 1 | 1 | 0 | 0 | 10 | 10 | 10 | 10 |
| 97 | NA-0312 | | Cove | | | 0 | 1 | 1 | 0 | 0 | 10 | 10 | 10 | 10 |
| 100 | NA-0315 | | Cove | | | 0 | 1 | 1 | 0 | 0 | 10 | 10 | 10 | 10 |
| 454 | 67b | Section 1 Lease | Off NN | | | 0 | 1 | 1 | 0 | 0 | 10 | 10 | 10 | 10 |
| 361 | NMMK0018 | Blue Peak | Off NN | | | 0 | 1 | 1 | 0 | 0 | 10 | 10 | 10 | 10 |
| 362 | NMMK0216 | Section 25 | Off NN | | | 0 | 1 | 1 | 0 | 0 | 10 | 10 | 10 | 10 |
| 366 | NMMK0218 | Section 25 SEQ | Off NN | | | 0 | 1 | 1 | 0 | 0 | 10 | 10 | 10 | 10 |
| 367 | NMMK0218 | Section 25 SEQ | Off NN | | | 0 | 1 | 1 | 0 | 0 | 10 | 10 | 10 | 10 |
| 368 | NMMK0218 | Section 25 SEQ | Off NN | | | 0 | 1 | 1 | 0 | 0 | 10 | 10 | 10 | 10 |
| 369 | NMMK0218 | Section 25 SEQ | Off NN | | | 0 | 1 | 1 | 0 | 0 | 10 | 10 | 10 | 10 |
| 371 | NMMK0235 | Section 30 | Off NN | | | 0 | 1 | 1 | 0 | 0 | 10 | 10 | 10 | 10 |
| 372 | NMMK0235 | Section 30 | Off NN | | | 0 | 1 | 1 | 0 | 0 | 10 | 10 | 10 | 10 |
| 515 | NA-0211 | Taylor Reid Mine - A | Ojato | | | 0 | 1 | 1 | 0 | 0 | 10 | 10 | 10 | 10 |
| 179 | NA-0220 | Sunlight Mine | Ojato | | | 0 | 1 | 1 | 0 | 0 | 10 | 10 | 10 | 10 |
| 180 | NA-0221, NA-0207 | Starlight Mine | Ojato | | | 0 | 1 | 1 | 0 | 0 | 10 | 10 | 10 | 10 |

TABLE 1. Air and Soil Pathways Score Table for AUMs on and Within 1 Mile of the Navajo Nation

| Mine_ID | Source_ID | Mine_Name | Chapter1 | Chapter2 | Structures on Mine Count | 200 Foot Structures Count | 1/4 Mile Structures Count | 1 Mile Structures Count | Total Structures | 200 Foot Score | 1/4 Mile Score | 1 Mile Score | Total Air Score | Total Soil Score |
|---------|------------|------------------------------|--------------------|---------------|--------------------------|---------------------------|---------------------------|-------------------------|------------------|----------------|----------------|--------------|-----------------|------------------|
| 34 | NA-0308 | Cove Mesa Mines (Cato Sells) | Red Valley | | | 0 | 1 | 1 | 0 | 0 | 10 | 10 | 10 | 10 |
| 35 | NA-0341 | Cove Mesa Mines (Cato Sells) | Red Valley | | | 0 | 1 | 1 | 0 | 0 | 10 | 10 | 10 | 10 |
| 14 | NA-0819b | Salt Canyon Mines | Red Valley | | | 0 | 1 | 1 | 0 | 0 | 10 | 10 | 10 | 10 |
| 407 | San001 | | Sanostee | | | 0 | 1 | 1 | 0 | 0 | 10 | 10 | 10 | 10 |
| 210 | NA-0512 | | Sweetwater | | | 0 | 1 | 1 | 0 | 0 | 10 | 10 | 10 | 10 |
| 214 | NA-0516 | | Sweetwater | | | 0 | 1 | 1 | 0 | 0 | 10 | 10 | 10 | 10 |
| 215 | NA-0516 | | Sweetwater | | | 0 | 1 | 1 | 0 | 0 | 10 | 10 | 10 | 10 |
| 437 | Swt002 | | Sweetwater | | | 0 | 1 | 1 | 0 | 0 | 10 | 10 | 10 | 10 |
| 438 | Swt003 | | Sweetwater | | | 0 | 1 | 1 | 0 | 0 | 10 | 10 | 10 | 10 |
| 282 | NA-0402 | | Teeec Nos Pos | | | 0 | 1 | 1 | 0 | 0 | 10 | 10 | 10 | 10 |
| 81 | NA-0702 | | Tselani/Cottonwood | | | 0 | 1 | 1 | 0 | 0 | 10 | 10 | 10 | 10 |
| 334 | NMMK0058 | Evelyn | Baca/Prewitt | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 335 | NMMK0071 | Frances | Baca/Prewitt | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 338 | NMMK0096 | Lost Mine | Baca/Prewitt | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 339 | NMMK0096 | Lost Mine | Baca/Prewitt | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 337 | NMMK0249 | Section 34 | Baca/Prewitt | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 444 | Bec064 | | Beclabito | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 445 | Bec068 | | Beclabito | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 447 | Bec070 | | Beclabito | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 446 | Bec090 | | Beclabito | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 49 | NA-0401 | Copper Mine | Beclabito | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 48 | NA-0404 | | Beclabito | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 29 | NA-0412 | Upper Red Canyon Mine | Beclabito | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 269 | NA-0414 | | Beclabito | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 268 | NA-0415 | | Beclabito | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 267 | NA-0416 | | Beclabito | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 280 | NA-0421 | | Beclabito | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 279 | NA-0422 | | Beclabito | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 278 | NA-0423 | | Beclabito | Teeec Nos Pos | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 87 | NA0709A | | Black Mesa | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 86 | NA0709B | | Black Mesa | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 88 | NA0709C | | Black Mesa | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 91 | NA-0101 | Jimmie Boone B | Bodaway/Gap | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 177 | NA-0103A | Earl Huskon No. 3 | Bodaway/Gap | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 171 | NA-0112 | | Bodaway/Gap | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 165 | NA-0114AAA | | Bodaway/Gap | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 163 | NA-0114AAB | | Bodaway/Gap | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 164 | NA-0114AAC | | Bodaway/Gap | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 162 | NA-0114DAA | | Bodaway/Gap | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 161 | NA-0114DAB | | Bodaway/Gap | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 290 | NA-0259 | | Bodaway/Gap | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 385 | Cam056 | | Cameron | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 140 | NA-0149A | Charles Huskon No. 3 | Cameron | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 139 | NA-0149b | Charles Huskon No. 3 | Cameron | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 138 | NA-0149c | Charles Huskon No. 3 | Cameron | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

TABLE 1. Air and Soil Pathways Score Table for AUMs on and Within 1 Mile of the Navajo Nation

| Mine_ID | Source_ID | Mine_Name | Chapter1 | Chapter2 | Structures on Mine Count | 200 Foot Structures Count | 1/4 Mile Structures Count | Total Structures | 200 Foot Score | 1/4 Mile Score | 1 Mile Score | Total Air Score | Total Soil Score |
|---------|------------------------|-----------------------|-----------------|----------|--------------------------|---------------------------|---------------------------|------------------|----------------|----------------|--------------|-----------------|------------------|
| 143 | NA-0153 | Yazzie No. 102 | Cameron | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 142 | NA-0154 | Yazzie No. 102 | Cameron | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 141 | NA-0155A | Charles Huskon No. 10 | Cameron | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 168 | NA-0158A | Charles Huskon No. 8 | Cameron | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 167 | NA-0158B | Charles Huskon No. 8 | Cameron | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 169 | NA-0159 | Boyd Tisi No. 1 | Cameron | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 375 | Cam033 | Coalmine Canyon | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 376 | Cam042 | Coalmine Canyon | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 379 | Cam042 | Coalmine Canyon | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 377 | Cam057 | Coalmine Canyon | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 380 | Cam060 | Coalmine Canyon | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 381 | Cam061 | Coalmine Canyon | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 174 | NA-0109 | Jackpot No. 40 | Coalmine Canyon | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 236 | NA-0111 | Coalmine Canyon | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 231 | NA-0121 | Evans Huskon No. 34 | Coalmine Canyon | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 130 | NA-0131a | Elwood Canyon No. 1 | Coalmine Canyon | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 129 | NA-0131b | Max Johnson No. 9 | Coalmine Canyon | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 122 | NA-0148 | Jack Huskon No. 3 | Coalmine Canyon | Cameron | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 145 | NA-0163 | Ryan No. 1 | Coalmine Canyon | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 90 | NA-0172a | RAMCO No. 21 | Coalmine Canyon | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 150 | NA-0172B | RAMCO No. 21 | Coalmine Canyon | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 151 | NA-0173 | RAMCO No. 22 | Coalmine Canyon | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 153 | NA-0174 | RAMCO No. 20 | Coalmine Canyon | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 152 | NA-0175 | Ryan No. 2 | Coalmine Canyon | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 149 | NA-0179 | Yazzie No. 1 | Coalmine Canyon | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 148 | NA-0180 | Yazzie No. 2 | Coalmine Canyon | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 173 | NA-0184 | Charles Huskon No. 17 | Coalmine Canyon | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 147 | NA-0186 | Jackpot No. 1 | Coalmine Canyon | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 146 | NA-0187 | Jackpot No. 5 | Coalmine Canyon | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 419 | Cov027 | Cove | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 422 | Cov030 | Cove | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 420 | Cov068 | Cove | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 93 | NA-0300, NA-0310B-D | Cove | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 103 | NA-0302 | Mesa V Mine | Cove | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 94 | NA-0310A | | Cove | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 95 | NA-0311 | | Cove | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 99 | NA-0318 | | Cove | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 102 | NA-0318 | | Cove | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 286 | NA-0321 | | Cove | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 288 | NA-0322 | | Cove | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 285 | NA-0323 | | Cove | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 287 | NA-0324 | | Cove | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 111 | NA-0552 | Section 3 | Iyanbito | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 311 | NMMK0341 | Westwater | Iyanbito | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 398 | Mon0076c | | Kayenta | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 241 | NA-0224 | | Kayenta | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

TABLE 1. Air and Soil Pathways Score Table for AUMs on and Within 1 Mile of the Navajo Nation

| Mine_ID | Source_ID | Mine_Name | Chapter1 | Chapter2 | Structures on Mine Count | 200 Foot Structures Count | 1/4 Mile Structures Count | 1 Mile Structures Count | Total Structures | 200 Foot Score | 1/4 Mile Score | 1 Mile Score | Total Air Score | Total Soil Score |
|---------|-----------|------------------------------------|------------|-----------|--------------------------|---------------------------|---------------------------|-------------------------|------------------|----------------|----------------|--------------|-----------------|------------------|
| 242 | NA-0225 | John Yazzie #1 Mine | Kayenta | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 243 | NA-0235 | | Kayenta | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 244 | NA-0235 | | Kayenta | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 456 | Cam068b | | NA | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 457 | 71a | Section 9 Lease | Off NN | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 458 | 71b | Section 9 Lease | Off NN | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 459 | 71c | Section 9 Lease | Off NN | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 395 | Mon0076a | | Ojato | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 390 | Mon060 | | Ojato | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 386 | Mon061 | Alfred Mills | Ojato | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 387 | Mon062 | Tract 12 | Ojato | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 397 | Mon063 | Tract 15 | Ojato | Shonto | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 388 | Mon064 | Horsetrail | Ojato | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 257 | NA-0202 | | Ojato | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 263 | NA-0203 | Tract 11 | Ojato | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 262 | NA-0205 | Tract 11E | Ojato | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 251 | NA-0206 | Big Chief Mine | Ojato | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 261 | NA-0211 | Taylor Reid Mine - B | Ojato | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 221 | NA-0223 | | Ojato | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 222 | NA-0223 | | Ojato | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 264 | NA-0228 | Tract 14 | Ojato | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 227 | NA-0236 | Tract 7 | Ojato | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 196 | UTAML | Whirlwind Mine | Ojato | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 293 | NA-0238 | | Red Mesa | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 490 | Bec002 | Toni Tuc No. 1 Mine | Red Valley | Beclabito | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 494 | Cov110 | East Mesa Mines | Red Valley | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 431 | Cov175 | Cove Mesa Mines (AEC Lease Plot 7) | Red Valley | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 501 | Cov176 | Cove Mesa Mines (AEC Lease Plot 7) | Red Valley | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 430 | Cov177 | Cove Mesa Mines (AEC Lease Plot 7) | Red Valley | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 439 | Cov192 | | Red Valley | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 493 | NA-0339 | East Mesa Mines | Red Valley | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 33 | NA-0342 | Tohe Thlany Begay Mine | Red Valley | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 25 | NA-0400 | Syracuse Mine | Red Valley | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 489 | NA-0425 | Toni Tuc No. 1 Mine | Red Valley | Beclabito | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | NA-0819a | Salt Canyon Mines | Red Valley | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 433 | San018 | | Red Valley | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 427 | Cov198 | | Round Rock | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 428 | Cov216 | Knife Edge Mesa Mine | Round Rock | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 429 | Cov226 | Cisco Mine | Round Rock | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 208 | NA-0325 | Camp Mine | Round Rock | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 467 | NA-0326 | Joleo Mine | Round Rock | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 205 | NA-0327 | | Round Rock | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 206 | NA-0328 | | Round Rock | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 511 | NA-0329 | | Round Rock | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

TABLE 1. Air and Soil Pathways Score Table for AUMs on and Within 1 Mile of the Navajo Nation

| Mine_ID | Source_ID | Mine_Name | Chapter1 | Chapter2 | Structures on Mine Count | 200 Foot Structures Count | 1/4 Mile Structures Count | 1 Mile Structures Count | Total Structures | 200 Foot Score | 1/4 Mile Score | 1 Mile Score | Total Air Score | Total Soil Score |
|---------|-----------|------------------------------------|------------|------------|--------------------------|---------------------------|---------------------------|-------------------------|------------------|----------------|----------------|--------------|-----------------|------------------|
| 512 | NA-0329 | | Round Rock | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 204 | NA-0330 | | Round Rock | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 203 | NA-0331 | | Round Rock | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 202 | NA-0332 | | Round Rock | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 201 | NA-0333 | | Round Rock | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 200 | NA-0334 | Jimmie King No. 9 Mine | Round Rock | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 199 | NA-0335 | | Round Rock | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 468 | NA-0336 | Hall Mine | Round Rock | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 197 | NA-0337 | Mexican Cry Mine | Round Rock | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 198 | NA-0337 | Mexican Cry Mine | Round Rock | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 40 | NA-0338 | West Mesa Mine | Round Rock | Red Valley | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 207 | NA-0343 | | Round Rock | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 45 | NA-0601 | | Sanostee | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 192 | NA-0603 | | Sanostee | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 466 | NA-0604 | | Sanostee | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 195 | NA-0608 | | Sanostee | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 465 | NA-0611 | | Sanostee | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 193 | NA-0612 | | Sanostee | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 194 | NA-0613 | | Sanostee | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 411 | San002 | | Sanostee | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 414 | San003 | | Sanostee | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 413 | San006 | | Sanostee | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 412 | San007 | Enos Johnson Mine | Sanostee | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 410 | San008 | | Sanostee | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 409 | San010 | | Sanostee | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 408 | San017 | | Sanostee | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Cov121 | Cove Mesa Mines (AEC Lease Plot 7) | Sweetwater | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 502 | Cov122 | Cove Mesa Mines (AEC Lease Plot 7) | Sweetwater | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 503 | Cov125 | Cove Mesa Mines (AEC Lease Plot 7) | Sweetwater | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 434 | Cov178 | Cove Mesa Mines (AEC Lease Plot 7) | Sweetwater | Red Valley | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 504 | NA-0303 | Cove Mesa Mines (AEC Lease Plot 7) | Sweetwater | Red Valley | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 497 | NA-0304 | Cove Mesa Mines (AEC Lease Plot 7) | Sweetwater | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 498 | NA-0305 | Cove Mesa Mines (AEC Lease Plot 7) | Sweetwater | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 39 | NA-0306 | Cove Mesa Mines (AEC Lease Plot 7) | Sweetwater | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 496 | NA-0307 | Cove Mesa Mines (AEC Lease Plot 7) | Sweetwater | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 36 | NA-0308 | Cove Mesa Mines (Cato Sells) | Sweetwater | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

TABLE 1. Air and Soil Pathways Score Table for AUMs on and Within 1 Mile of the Navajo Nation

| Mine_ID | Source_ID | Mine_Name | Chapter1 | Chapter2 | Structures on Mine Count | 200 Foot Structures Count | 1/4 Mile Structures Count | 1 Mile Structures Count | Total Structures | 200 Foot Score | 1/4 Mile Score | 1 Mile Score | Total Air Score | Total Soil Score |
|---------|-----------|------------------------------------|--------------------|-----------------|--------------------------|---------------------------|---------------------------|-------------------------|------------------|----------------|----------------|--------------|-----------------|------------------|
| 37 | NA-0308 | Cove Mesa Mines (AEC Lease Plot 7) | Sweetwater | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 38 | NA-0308 | Cove Mesa Mines (AEC Lease Plot 7) | Sweetwater | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 495 | NA-0309 | Cove Mesa Mines (AEC Lease Plot 7) | Sweetwater | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 499 | NA-0340 | Cove Mesa Mines (AEC Lease Plot 7) | Sweetwater | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 273 | NA-0510 | | Sweetwater | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 213 | NA-0514 | Mildred Mine | Sweetwater | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 405 | Blk019b | | Tselani/Cottonwood | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 403 | Blk020 | | Tselani/Cottonwood | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 82 | NA-0704 | | Tselani/Cottonwood | Tachee/Blue Gap | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 83 | NA-0707 | | Tselani/Cottonwood | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

TABLE 2. Surface Water Pathway Score Table for AUMs on and Within 1 Mile of the Navajo Nation

| Mine_ID | Source_ID | Mine_Name | Chapter1 | Chapter2 | Mine Within One Mile Overland | Surface Water Score |
|---------|------------------------------|----------------------|--------------|-------------------|-------------------------------|---------------------|
| 112 | NA-0229 | Montezuma Creek Mine | Aneth | | Yes | 160 |
| 294 | W027031 | PETE 6 & 7 | Aneth | Off Navajo Nation | Yes | 160 |
| 336 | NMMK0002 | Alta | Baca/Prewitt | | Yes | 160 |
| 329 | NMMK0014, NMMK0073, NMMK0200 | Billy the Kid | Baca/Prewitt | | Yes | 160 |
| 348 | NMMK0041 | Dakota | Baca/Prewitt | | Yes | 160 |
| 327 | NMMK0055 | Elkins | Baca/Prewitt | | Yes | 160 |
| 326 | NMMK0057 | Elkins | Baca/Prewitt | | Yes | 160 |
| 334 | NMMK0058 | Evelyn | Baca/Prewitt | | Yes | 160 |
| 450 | NMMK0064, NMMK0259 | Febco | Baca/Prewitt | | Yes | 160 |
| 335 | NMMK0071 | Frances | Baca/Prewitt | | Yes | 160 |
| 331 | NMMK0076 | Haven | Baca/Prewitt | | Yes | 160 |
| 345 | NMMK0077 | Haystack | Baca/Prewitt | | Yes | 160 |
| 341 | NMMK0079 | Haystack | Baca/Prewitt | | Yes | 160 |
| 342 | NMMK0080 | Haystack | Baca/Prewitt | | Yes | 160 |
| 344 | NMMK0081 | Haystack | Baca/Prewitt | | Yes | 160 |
| 476 | NMMK0085 | Hutton-James | Baca/Prewitt | | Yes | 160 |
| 351 | NMMK0090 | Junior | Baca/Prewitt | | Yes | 160 |
| 338 | NMMK0096 | Lost Mine | Baca/Prewitt | | Yes | 160 |
| 339 | NMMK0096 | Lost Mine | Baca/Prewitt | | Yes | 160 |
| 349 | NMMK0123 | Pat | Baca/Prewitt | | Yes | 160 |
| 350 | NMMK0123 | Pat | Baca/Prewitt | | Yes | 160 |
| 332 | NMMK0136 | Red Cap | Baca/Prewitt | | Yes | 160 |
| 347 | NMMK0138 | Red Point | Baca/Prewitt | | Yes | 160 |
| 328 | NMMK0140 | Red Top | Baca/Prewitt | | Yes | 160 |
| 330 | NMMK0141 | Red Top | Baca/Prewitt | | Yes | 160 |
| 474 | NMMK0152 | Section 1 | Baca/Prewitt | | Yes | 160 |
| 473 | NMMK0159 | Section 2 | Baca/Prewitt | | Yes | 160 |
| 352 | NMMK0164 | Section 4 | Baca/Prewitt | | Yes | 160 |
| 346 | NMMK0168 | Section 5 | Baca/Prewitt | | Yes | 160 |
| 343 | NMMK0195 | Section 18 | Baca/Prewitt | | Yes | 160 |
| 356 | NMMK0206 | Section 22 | Baca/Prewitt | Off Navajo Nation | Yes | 160 |
| 364 | NMMK0221, NMMK0207, NMMK0338 | Section 26 | Baca/Prewitt | Off Navajo Nation | Yes | 160 |
| 337 | NMMK0249 | Section 34 | Baca/Prewitt | | Yes | 160 |
| 324 | NMMK0255 | Silver Bit | Baca/Prewitt | | Yes | 160 |
| 325 | NMMK0257 | Silver Bit | Baca/Prewitt | | Yes | 160 |
| 340 | NMMK0258 | Silver Spur | Baca/Prewitt | | Yes | 160 |
| 475 | NMMK0277 | Unknown | Baca/Prewitt | | Yes | 160 |
| 333 | NMMK0345 | Yucca | Baca/Prewitt | | Yes | 160 |
| 442 | Bec054 | | Beclabito | | Yes | 160 |
| 443 | Bec060 | | Beclabito | | Yes | 160 |
| 444 | Bec064 | | Beclabito | | Yes | 160 |
| 445 | Bec068 | | Beclabito | | Yes | 160 |

TABLE 2. Surface Water Pathway Score Table for AUMs on and Within 1 Mile of the Navajo Nation

| Mine_ID | Source_ID | Mine_Name | Chapter1 | Chapter2 | Mine Within One Mile Overland | Surface Water Score |
|---------|------------|-----------------------|-------------|---------------|-------------------------------|---------------------|
| 447 | Bec070 | | Beclabito | | Yes | 160 |
| 446 | Bec090 | | Beclabito | | Yes | 160 |
| 49 | NA-0401 | Copper Mine | Beclabito | | Yes | 160 |
| 46 | NA-0403 | | Beclabito | | Yes | 160 |
| 47 | NA-0404 | | Beclabito | | Yes | 160 |
| 48 | NA-0404 | | Beclabito | | Yes | 160 |
| 29 | NA-0412 | Upper Red Canyon Mine | Beclabito | | Yes | 160 |
| 265 | NA-0413 | | Beclabito | | Yes | 160 |
| 266 | NA-0413 | | Beclabito | | Yes | 160 |
| 269 | NA-0414 | | Beclabito | | Yes | 160 |
| 268 | NA-0415 | | Beclabito | | Yes | 160 |
| 267 | NA-0416 | | Beclabito | | Yes | 160 |
| 271 | NA-0417 | | Beclabito | | Yes | 160 |
| 270 | NA-0418 | | Beclabito | | Yes | 160 |
| 272 | NA-0418 | | Beclabito | | Yes | 160 |
| 281 | NA-0419 | | Beclabito | | Yes | 160 |
| 276 | NA-0420 | | Beclabito | | Yes | 160 |
| 280 | NA-0421 | | Beclabito | | Yes | 160 |
| 279 | NA-0422 | | Beclabito | | Yes | 160 |
| 278 | NA-0423 | | Beclabito | Teeec Nos Pos | Yes | 160 |
| 277 | NA-0424 | | Beclabito | | Yes | 160 |
| 406 | Blk029 | | Black Mesa | | Yes | 160 |
| 78 | NA-0701 | | Black Mesa | | Yes | 160 |
| 79 | NA-0701 | | Black Mesa | | Yes | 160 |
| 85 | NA-0703 | | Black Mesa | | Yes | 160 |
| 87 | NA0709A | | Black Mesa | | Yes | 160 |
| 86 | NA0709B | | Black Mesa | | Yes | 160 |
| 88 | NA0709C | | Black Mesa | | Yes | 160 |
| 452 | 7 | A & B No. 13 | Bodaway/Gap | | Yes | 160 |
| 451 | 8 | A & B No. 7 | Bodaway/Gap | | Yes | 160 |
| 91 | NA-0101 | Jimmie Boone B | Bodaway/Gap | | Yes | 160 |
| 183 | NA-0102 | Paul Huskie No.21 | Bodaway/Gap | | Yes | 160 |
| 177 | NA-0103A | Earl Huskon No. 3 | Bodaway/Gap | | Yes | 160 |
| 178 | NA-0103B | Earl Huskon No. 1 | Bodaway/Gap | | Yes | 160 |
| 118 | NA-0105a | Henry Sloan No. 1 | Bodaway/Gap | | Yes | 160 |
| 117 | NA-0105b | Henry Sloan No. 1 | Bodaway/Gap | | Yes | 160 |
| 171 | NA-0112 | | Bodaway/Gap | | Yes | 160 |
| 172 | NA-0113 | | Bodaway/Gap | | Yes | 160 |
| 165 | NA-0114AAA | | Bodaway/Gap | | Yes | 160 |
| 163 | NA-0114AAB | | Bodaway/Gap | | Yes | 160 |
| 164 | NA-0114AAC | | Bodaway/Gap | | Yes | 160 |
| 162 | NA-0114DAA | | Bodaway/Gap | | Yes | 160 |
| 161 | NA-0114DAB | | Bodaway/Gap | | Yes | 160 |
| 166 | NA-0116 | | Bodaway/Gap | | Yes | 160 |

TABLE 2. Surface Water Pathway Score Table for AUMs on and Within 1 Mile of the Navajo Nation

| Mine_ID | Source_ID | Mine_Name | Chapter1 | Chapter2 | Mine Within One Mile Overland | Surface Water Score |
|---------|------------------------------|-----------------------|---------------|-------------------|-------------------------------|---------------------|
| 290 | NA-0259 | | Bodaway/Gap | | Yes | 160 |
| 453 | 67a | Section 1 Lease | Cameron | Off Navajo Nation | Yes | 160 |
| 382 | Cam043 | | Cameron | | Yes | 160 |
| 383 | Cam052 | | Cameron | | Yes | 160 |
| 385 | Cam056 | | Cameron | | Yes | 160 |
| 228 | NA-0106 | A & B No. 3 | Cameron | | Yes | 160 |
| 176 | NA-0107 | Montezuma No. 1 | Cameron | | Yes | 160 |
| 175 | NA-0108 | A & B No. 2 | Cameron | | Yes | 160 |
| 140 | NA-0149A | Charles Huskon No. 3 | Cameron | | Yes | 160 |
| 139 | NA-0149b | Charles Huskon No. 3 | Cameron | | Yes | 160 |
| 138 | NA-0149c | Charles Huskon No. 3 | Cameron | | Yes | 160 |
| 137 | NA-0149d | Charles Huskon No. 3 | Cameron | | Yes | 160 |
| 143 | NA-0153 | Yazzie No. 102 | Cameron | | Yes | 160 |
| 142 | NA-0154 | Yazzie No. 102 | Cameron | | Yes | 160 |
| 141 | NA-0155A | Charles Huskon No. 10 | Cameron | | Yes | 160 |
| 232 | NA-0155B | Charles Huskon No. 10 | Cameron | | Yes | 160 |
| 168 | NA-0158A | Charles Huskon No. 8 | Cameron | | Yes | 160 |
| 167 | NA-0158B | Charles Huskon No. 8 | Cameron | | Yes | 160 |
| 169 | NA-0159 | Boyd Tisi No. 1 | Cameron | | Yes | 160 |
| 170 | NA-0164 | Taylor Reid No. 2 | Cameron | | Yes | 160 |
| 144 | NA-0166 | Charles Huskon No. 11 | Cameron | Off Navajo Nation | Yes | 160 |
| 302 | NMMK0247 | Section 32, 33 | Casamero Lake | Baca/Prewitt | Yes | 160 |
| 400 | Blk001 | | Chilchinbeto | | Yes | 160 |
| 401 | Blk001a | | Chilchinbeto | | Yes | 160 |
| 402 | Blk002 | | Chilchinbeto | | Yes | 160 |
| 75 | NA-0705 | | Chilchinbeto | | Yes | 160 |
| 76 | NA-0710 | | Chilchinbeto | | Yes | 160 |
| 73 | NA-0711 | | Chilchinbeto | | Yes | 160 |
| 74 | NA-0712 | | Chilchinbeto | | Yes | 160 |
| 296 | Occurrence B | Occurrence B | Chinle | | Yes | 160 |
| 300 | Zhealy Tso, N. Part Parcel 1 | Zhealy Tso | Chinle | | Yes | 160 |
| 297 | Zhealy Tso, S. Part Parcel 1 | Zhealy Tso | Chinle | | Yes | 160 |
| 298 | Zhealy Tso, W. Part Parcel 1 | Zhealy Tso | Chinle | | Yes | 160 |
| 299 | Zhealy Tso, W. Part Parcel 1 | Zhealy Tso | Chinle | | Yes | 160 |
| 209 | NA-0550 | Foutz 3 | Church Rock | Iyanbito | Yes | 160 |
| 110 | NA-0551 | Foutz No. 2 | Church Rock | | Yes | 160 |
| 310 | NMMK0028 | CD and S | Church Rock | | Yes | 160 |
| 307 | NMMK0034, NMMK0318, NMMK0319 | Church Rock | Church Rock | | Yes | 160 |
| 314 | NMMK0047 | Diamond No. 2 | Church Rock | | Yes | 160 |
| 312 | NMMK0083 | Hogback | Church Rock | | Yes | 160 |
| 308 | NMMK0124 | Section 13 | Church Rock | | Yes | 160 |
| 309 | NMMK0209 | Section 23 | Church Rock | | Yes | 160 |
| 313 | NMMK0230 | Section 28 | Church Rock | | Yes | 160 |

TABLE 2. Surface Water Pathway Score Table for AUMs on and Within 1 Mile of the Navajo Nation

| Mine_ID | Source_ID | Mine_Name | Chapter1 | Chapter2 | Mine Within One Mile Overland | Surface Water Score |
|---------|-----------|------------------------|-----------------|----------|-------------------------------|---------------------|
| 374 | Cam012 | | Coalmine Canyon | | Yes | 160 |
| 373 | Cam018 | | Coalmine Canyon | | Yes | 160 |
| 375 | Cam033 | | Coalmine Canyon | | Yes | 160 |
| 376 | Cam042 | | Coalmine Canyon | | Yes | 160 |
| 377 | Cam057 | | Coalmine Canyon | | Yes | 160 |
| 378 | Cam062 | | Coalmine Canyon | | Yes | 160 |
| 92 | NA-0104 | Charles Huskon No. 6 | Coalmine Canyon | | Yes | 160 |
| 174 | NA-0109 | Jackpot No. 40 | Coalmine Canyon | | Yes | 160 |
| 233 | NA-0110A | Max Johnson No. 7 | Coalmine Canyon | | Yes | 160 |
| 234 | NA-0110B | Amos Chee No. 8 | Coalmine Canyon | | Yes | 160 |
| 236 | NA-0111 | | Coalmine Canyon | | Yes | 160 |
| 121 | NA-0113 | Jeepster No. 1 | Coalmine Canyon | | Yes | 160 |
| 231 | NA-0121 | Evans Huskon No. 34 | Coalmine Canyon | | Yes | 160 |
| 120 | NA-0123 | Charles Huskon No. 19 | Coalmine Canyon | | Yes | 160 |
| 160 | NA-0124a | Jack Daniels No. 1-5 | Coalmine Canyon | | Yes | 160 |
| 230 | NA-0124B | Kachina No. 6 | Coalmine Canyon | | Yes | 160 |
| 229 | NA-0124C | Jack Daniels No. 1-5 | Coalmine Canyon | | Yes | 160 |
| 119 | NA-0125 | Charles Huskon No. 12 | Coalmine Canyon | | Yes | 160 |
| 125 | NA-0127 | | Coalmine Canyon | | Yes | 160 |
| 126 | NA-0128A | Lemuel Littleman No. 2 | Coalmine Canyon | | Yes | 160 |
| 127 | NA-0128B | Lemuel Littleman No. 2 | Coalmine Canyon | | Yes | 160 |
| 124 | NA-0129 | Charles Huskon No. 1 | Coalmine Canyon | | Yes | 160 |
| 128 | NA-0130 | Max Johnson No. 10 | Coalmine Canyon | | Yes | 160 |
| 130 | NA-0131a | Elwood Canyon No. 1 | Coalmine Canyon | | Yes | 160 |
| 129 | NA-0131b | Max Johnson No. 9 | Coalmine Canyon | | Yes | 160 |
| 131 | NA-0134 | Alice Tolino No. 1 & 3 | Coalmine Canyon | | Yes | 160 |
| 133 | NA-0135 | Evans Huskon No. 2 | Coalmine Canyon | | Yes | 160 |
| 132 | NA-0136 | Yazzie No. 101 | Coalmine Canyon | | Yes | 160 |
| 134 | NA-0137 | Yazzie No. 312 | Coalmine Canyon | | Yes | 160 |
| 135 | NA-0138 | Boyd Tisi No. 2 | Coalmine Canyon | | Yes | 160 |
| 136 | NA-0139 | Juan Horse No. 3 | Coalmine Canyon | | Yes | 160 |
| 123 | NA-0141 | Juan Horse No. 4 | Coalmine Canyon | | Yes | 160 |
| 122 | NA-0148 | Jack Huskon No. 3 | Coalmine Canyon | Cameron | Yes | 160 |
| 145 | NA-0163 | Ryan No. 1 | Coalmine Canyon | | Yes | 160 |
| 90 | NA-0172a | RAMCO No. 21 | Coalmine Canyon | | Yes | 160 |
| 150 | NA-0172B | RAMCO No. 21 | Coalmine Canyon | | Yes | 160 |
| 151 | NA-0173 | RAMCO No. 22 | Coalmine Canyon | | Yes | 160 |
| 153 | NA-0174 | RAMCO No. 20 | Coalmine Canyon | | Yes | 160 |
| 152 | NA-0175 | Ryan No. 2 | Coalmine Canyon | | Yes | 160 |
| 149 | NA-0179 | Yazzie No. 1 | Coalmine Canyon | | Yes | 160 |
| 148 | NA-0180 | Yazzie No. 2 | Coalmine Canyon | | Yes | 160 |
| 173 | NA-0184 | Charles Huskon No. 17 | Coalmine Canyon | | Yes | 160 |
| 147 | NA-0186 | Jackpot No. 1 | Coalmine Canyon | | Yes | 160 |
| 146 | NA-0187 | Jackpot No. 5 | Coalmine Canyon | | Yes | 160 |

TABLE 2. Surface Water Pathway Score Table for AUMs on and Within 1 Mile of the Navajo Nation

| Mine_ID | Source_ID | Mine_Name | Chapter1 | Chapter2 | Mine Within One Mile Overland | Surface Water Score |
|---------|-----------------------|--|-----------------|----------|-------------------------------|---------------------|
| 159 | NA-0194 | Julius Chee No. 3 | Coalmine Canyon | | Yes | 160 |
| 158 | NA-0195 | Julius Chee No. 2 | Coalmine Canyon | | Yes | 160 |
| 155 | NA-0196A | RAMCO No. 24 | Coalmine Canyon | | Yes | 160 |
| 156 | NA-0196B | RAMCO No. 24 | Coalmine Canyon | | Yes | 160 |
| 157 | NA-0197 | Charles Huskon No. 4 & Paul Huskie No. 3 | Coalmine Canyon | | Yes | 160 |
| 235 | NA-0197B | Charles Huskon No. 18 | Coalmine Canyon | | Yes | 160 |
| 154 | NA-0198 | Emmet Lee No. 3 | Coalmine Canyon | | Yes | 160 |
| 425 | Cov000 | | Cove | | Yes | 160 |
| 423 | Cov026 | | Cove | | Yes | 160 |
| 419 | Cov027 | | Cove | | Yes | 160 |
| 422 | Cov030 | | Cove | | Yes | 160 |
| 418 | Cov033 | | Cove | | Yes | 160 |
| 424 | Cov052 | | Cove | | Yes | 160 |
| 417 | Cov053 | | Cove | | Yes | 160 |
| 416 | Cov054 | | Cove | | Yes | 160 |
| 420 | Cov068 | | Cove | | Yes | 160 |
| 506 | Cov086 | | Cove | | Yes | 160 |
| 507 | Cov087 | | Cove | | Yes | 160 |
| 426 | Cov098 | | Cove | | Yes | 160 |
| 421 | Cov099 | Frank Jr. Mine | Cove | | Yes | 160 |
| 415 | Cov230 | | Cove | | Yes | 160 |
| 472 | Cove Transfer Station | Cove Transfer Station | Cove | | Yes | 160 |
| 93 | NA-0300, NA-0310B-D | | Cove | | Yes | 160 |
| 510 | NA-0301 | Frank No. 1 Mines | Cove | | Yes | 160 |
| 103 | NA-0302 | Mesa V Mine | Cove | | Yes | 160 |
| 94 | NA-0310A | | Cove | | Yes | 160 |
| 95 | NA-0311 | | Cove | | Yes | 160 |
| 96 | NA-0312 | | Cove | | Yes | 160 |
| 97 | NA-0312 | | Cove | | Yes | 160 |
| 98 | NA-0313 | | Cove | | Yes | 160 |
| 101 | NA-0314 | | Cove | | Yes | 160 |
| 100 | NA-0315 | | Cove | | Yes | 160 |
| 106 | NA-0316 | Frank No. 1 Mines | Cove | | Yes | 160 |
| 107 | NA-0316 | | Cove | | Yes | 160 |
| 505 | NA-0317 | | Cove | | Yes | 160 |
| 508 | NA-0317 | | Cove | | Yes | 160 |
| 509 | NA-0317 | | Cove | | Yes | 160 |
| 99 | NA-0318 | | Cove | | Yes | 160 |
| 102 | NA-0318 | | Cove | | Yes | 160 |
| 105 | NA-0319 | | Cove | | Yes | 160 |
| 469 | NA-0319 | | Cove | | Yes | 160 |
| 104 | NA-0320 | | Cove | | Yes | 160 |
| 286 | NA-0321 | | Cove | | Yes | 160 |
| 288 | NA-0322 | | Cove | | Yes | 160 |

TABLE 2. Surface Water Pathway Score Table for AUMs on and Within 1 Mile of the Navajo Nation

| Mine_ID | Source_ID | Mine_Name | Chapter1 | Chapter2 | Mine Within One Mile Overland | Surface Water Score |
|---------|--------------------|---------------------------------|-------------------|----------|-------------------------------|---------------------|
| 285 | NA-0323 | | Cove | | Yes | 160 |
| 287 | NA-0324 | | Cove | | Yes | 160 |
| 305 | NMMK0112 | NE Church Rock No. 1 | Coyote Canyon | | Yes | 160 |
| 306 | NMMK0114 | NE Church Rock No. 2 | Coyote Canyon | | Yes | 160 |
| 316 | NMMK0040 | Crownpoint | Crownpoint | | Yes | 160 |
| 237 | NA-0213 | | Dennehotso | | Yes | 160 |
| 291 | NA-0751 | | Indian Wells | | Yes | 160 |
| 111 | NA-0552 | Section 3 | Iyanbito | | Yes | 160 |
| 311 | NMMK0341 | Westwater | Iyanbito | | Yes | 160 |
| 398 | Mon0076c | | Kayenta | | Yes | 160 |
| 399 | Mon019 | Sally Mine | Kayenta | | Yes | 160 |
| 521 | NA-0204 | Willie Water Claim | Kayenta | | Yes | 160 |
| 241 | NA-0224 | | Kayenta | | Yes | 160 |
| 242 | NA-0225 | John Yazzie #1 Mine | Kayenta | | Yes | 160 |
| 238 | NA-0226 | Harvey Blackwater Claim (South) | Kayenta | | Yes | 160 |
| 239 | NA-0226 | Harvey Blackwater Claim (North) | Kayenta | | Yes | 160 |
| 240 | NA-0226 | | Kayenta | | Yes | 160 |
| 243 | NA-0235 | | Kayenta | | Yes | 160 |
| 244 | NA-0235 | | Kayenta | | Yes | 160 |
| 318 | NMMK0097 | Mac No. 1 | Mariano Lake | | Yes | 160 |
| 301 | NMMK0102 | Mariano Lake | Mariano Lake | | Yes | 160 |
| 317 | NMMK0102 | Mariano Lake | Mariano Lake | | Yes | 160 |
| 456 | Carn068b | | NA | | Yes | 160 |
| 315 | NMMK0038 | Crownpoint | Nahodishgish | | Yes | 160 |
| 303 | NMMK0113, NMMK0116 | NE Church Rock No. 1-East | Nahodishgish | | Yes | 160 |
| 454 | 67b | Section 1 Lease | Off Navajo Nation | | Yes | 160 |
| 457 | 71a | Section 9 Lease | Off Navajo Nation | | Yes | 160 |
| 458 | 71b | Section 9 Lease | Off Navajo Nation | | Yes | 160 |
| 459 | 71c | Section 9 Lease | Off Navajo Nation | | Yes | 160 |
| 463 | 88 | Black Point-Murphy Group | Off Navajo Nation | | Yes | 160 |
| 361 | NMMK0018 | Blue Peak | Off Navajo Nation | | Yes | 160 |
| 360 | NMMK0019 | Bobcat | Off Navajo Nation | | Yes | 160 |
| 358 | NMMK0051 | Dysart No. 1 | Off Navajo Nation | | Yes | 160 |
| 359 | NMMK0175 | Section 10 | Off Navajo Nation | | Yes | 160 |
| 357 | NMMK0183 | Section 15 | Off Navajo Nation | | Yes | 160 |
| 355 | NMMK0208 | Section 23 | Off Navajo Nation | | Yes | 160 |
| 354 | NMMK0214 | Section 24 | Off Navajo Nation | | Yes | 160 |
| 362 | NMMK0216 | Section 25 | Off Navajo Nation | | Yes | 160 |
| 365 | NMMK0218 | Section 25 SEQ | Off Navajo Nation | | Yes | 160 |
| 366 | NMMK0218 | Section 25 SEQ | Off Navajo Nation | | Yes | 160 |
| 367 | NMMK0218 | Section 25 SEQ | Off Navajo Nation | | Yes | 160 |
| 368 | NMMK0218 | Section 25 SEQ | Off Navajo Nation | | Yes | 160 |
| 369 | NMMK0218 | Section 25 SEQ | Off Navajo Nation | | Yes | 160 |
| 363 | NMMK0219, NMMK0215 | Section 25 Open Pit | Off Navajo Nation | | Yes | 160 |

TABLE 2. Surface Water Pathway Score Table for AUMs on and Within 1 Mile of the Navajo Nation

| Mine_ID | Source_ID | Mine_Name | Chapter1 | Chapter2 | Mine Within One Mile Overland | Surface Water Score |
|---------|-----------|------------------------|-------------------|----------|-------------------------------|---------------------|
| 353 | NMMK0220 | Section 25 | Off Navajo Nation | | Yes | 160 |
| 370 | NMMK0235 | Section 30 | Off Navajo Nation | | Yes | 160 |
| 371 | NMMK0235 | Section 30 | Off Navajo Nation | | Yes | 160 |
| 372 | NMMK0235 | Section 30 | Off Navajo Nation | | Yes | 160 |
| 470 | NMMK0349 | Ambrosia Lake Mill | Off Navajo Nation | | Yes | 160 |
| 394 | Mon006 | Joe Rock Mine | Ojato | | Yes | 160 |
| 520 | Mon007 | Big Four Mine | Ojato | | Yes | 160 |
| 395 | Mon0076a | | Ojato | | Yes | 160 |
| 514 | Mon011 | Naschoy Mine | Ojato | | Yes | 160 |
| 393 | Mon013 | Daylight Mine | Ojato | | Yes | 160 |
| 391 | Mon029 | Tract 24 Mine - A | Ojato | | Yes | 160 |
| 392 | Mon030 | Tract 24 Mine - B | Ojato | | Yes | 160 |
| 390 | Mon060 | | Ojato | | Yes | 160 |
| 386 | Mon061 | Alfred Mills | Ojato | | Yes | 160 |
| 387 | Mon062 | Tract 12 | Ojato | | Yes | 160 |
| 397 | Mon063 | Tract 15 | Ojato | Shonto | Yes | 160 |
| 388 | Mon064 | Horsetrail | Ojato | | Yes | 160 |
| 389 | Mon069 | | Ojato | | Yes | 160 |
| 518 | Mon077 | | Ojato | | Yes | 160 |
| 253 | NA-0200 | Moonlight Mine | Ojato | | Yes | 160 |
| 252 | NA-0201 | Boot Jack Mine | Ojato | | Yes | 160 |
| 257 | NA-0202 | | Ojato | | Yes | 160 |
| 263 | NA-0203 | Tract 11 | Ojato | | Yes | 160 |
| 262 | NA-0205 | Tract 11E | Ojato | | Yes | 160 |
| 251 | NA-0206 | Big Chief Mine | Ojato | | Yes | 160 |
| 258 | NA-0208 | | Ojato | | Yes | 160 |
| 259 | NA-0208 | | Ojato | | Yes | 160 |
| 249 | NA-0209 | Black Rock Mine | Ojato | | Yes | 160 |
| 250 | NA-0209 | Black Rock Mine | Ojato | | Yes | 160 |
| 245 | NA-0210 | Monument #1 Annex Mine | Ojato | | Yes | 160 |
| 246 | NA-0210 | Monument #1 - A | Ojato | | Yes | 160 |
| 247 | NA-0210 | Mitten #2 - A | Ojato | | Yes | 160 |
| 260 | NA-0211 | Mitten 31 Mine | Ojato | | Yes | 160 |
| 261 | NA-0211 | Taylor Reid Mine - B | Ojato | | Yes | 160 |
| 515 | NA-0211 | Taylor Reid Mine - A | Ojato | | Yes | 160 |
| 516 | NA-0211 | C-3 Mine | Ojato | | Yes | 160 |
| 254 | NA-0212 | Skyline Mine - East | Ojato | | Yes | 160 |
| 255 | NA-0212 | Mitten #1 'A' | Ojato | | Yes | 160 |
| 256 | NA-0212 | Mitten #1 'B' | Ojato | | Yes | 160 |
| 225 | NA-0214 | Keith Mine - A | Ojato | | Yes | 160 |
| 224 | NA-0215 | Norcross Mine - A | Ojato | | Yes | 160 |
| 182 | NA-0216 | Tom Holiday Mine | Ojato | | Yes | 160 |
| 181 | NA-0217 | Harvey Black Mine | Ojato | | Yes | 160 |
| 226 | NA-0218 | Monument #3 Mine | Ojato | | Yes | 160 |

TABLE 2. Surface Water Pathway Score Table for AUMs on and Within 1 Mile of the Navajo Nation

| Mine_ID | Source_ID | Mine_Name | Chapter1 | Chapter2 | Mine Within One Mile Overland | Surface Water Score |
|---------|--------------------|------------------------------------|------------|-----------|-------------------------------|---------------------|
| 519 | NA-0219 | Big Four Mine | Ojato | | Yes | 160 |
| 179 | NA-0220 | Sunlight Mine | Ojato | | Yes | 160 |
| 180 | NA-0221, NA-0207 | Starlight Mine | Ojato | | Yes | 160 |
| 513 | NA-0222 | | Ojato | | Yes | 160 |
| 221 | NA-0223 | | Ojato | | Yes | 160 |
| 222 | NA-0223 | | Ojato | | Yes | 160 |
| 264 | NA-0228 | Tract 14 | Ojato | | Yes | 160 |
| 248 | NA-0233 | Alma-Seggin Mine | Ojato | | Yes | 160 |
| 517 | NA-0234 | | Ojato | | Yes | 160 |
| 227 | NA-0236 | Tract 7 | Ojato | | Yes | 160 |
| 223 | NA-0237 | Rock Door Mine | Ojato | | Yes | 160 |
| 196 | UTAML | Whirlwind Mine | Ojato | | Yes | 160 |
| 304 | NMMK0117, NMMK0315 | NE Church Rock | Pinedale | | Yes | 160 |
| 471 | NMMK0125 | Church Rock Mill | Pinedale | | Yes | 160 |
| 293 | NA-0238 | | Red Mesa | | Yes | 160 |
| 191 | NA-0507 | Toh Atin Mesa Mine | Red Mesa | | Yes | 160 |
| 190 | NA-0508A | | Red Mesa | | Yes | 160 |
| 220 | NA-0508B | | Red Mesa | | Yes | 160 |
| 189 | NA-0509A | | Red Mesa | | Yes | 160 |
| 449 | Swt047 | | Red Mesa | | Yes | 160 |
| 448 | Swt048 | | Red Mesa | | Yes | 160 |
| 490 | Bec002 | Toni Tuc No. 1 Mine | Red Valley | Beclabito | Yes | 160 |
| 494 | Cov110 | East Mesa Mines | Red Valley | | Yes | 160 |
| 431 | Cov175 | Cove Mesa Mines (AEC Lease Plot 7) | Red Valley | | Yes | 160 |
| 501 | Cov176 | Cove Mesa Mines (AEC Lease Plot 7) | Red Valley | | Yes | 160 |
| 430 | Cov177 | Cove Mesa Mines (AEC Lease Plot 7) | Red Valley | | Yes | 160 |
| 439 | Cov192 | | Red Valley | | Yes | 160 |
| 34 | NA-0308 | Cove Mesa Mines (Cato Sells) | Red Valley | | Yes | 160 |
| 493 | NA-0339 | East Mesa Mines | Red Valley | | Yes | 160 |
| 35 | NA-0341 | Cove Mesa Mines (Cato Sells) | Red Valley | | Yes | 160 |
| 33 | NA-0342 | Tohe Thlany Begay Mine | Red Valley | | Yes | 160 |
| 25 | NA-0400 | Syracuse Mine | Red Valley | | Yes | 160 |
| 21 | NA-0405 | | Red Valley | | Yes | 160 |
| 22 | NA-0406 | Leroy Mine | Red Valley | | Yes | 160 |
| 23 | NA-0407 | Lower Canyon Mine | Red Valley | | Yes | 160 |
| 24 | NA-0408 | | Red Valley | | Yes | 160 |
| 26 | NA-0409 | Hazel Mine | Red Valley | | Yes | 160 |
| 27 | NA-0410 | Lone Star Mine | Red Valley | | Yes | 160 |
| 28 | NA-0411 | Cottonwood Butte Mine | Red Valley | | Yes | 160 |
| 489 | NA-0425 | Toni Tuc No. 1 Mine | Red Valley | Beclabito | Yes | 160 |
| 20 | NA-0800 | Oak Springs Mine (Gravel Cap) | Red Valley | | Yes | 160 |
| 18 | NA-0801 | | Red Valley | | Yes | 160 |
| 15 | NA-0802 | Franks Point Mine | Red Valley | | Yes | 160 |
| 9 | NA-0803 | Lookout Point Mines | Red Valley | | Yes | 160 |

TABLE 2. Surface Water Pathway Score Table for AUMs on and Within 1 Mile of the Navajo Nation

| Mine_ID | Source_ID | Mine_Name | Chapter1 | Chapter2 | Mine Within One Mile Overland | Surface Water Score |
|---------|-----------|-------------------------------------|------------|----------|-------------------------------|---------------------|
| 6 | NA-0804 | Lookout Point Incline Mine | Red Valley | | Yes | 160 |
| 477 | NA-0805 | Shadyside Incline | Red Valley | | Yes | 160 |
| 481 | NA-0806 | | Red Valley | | Yes | 160 |
| 488 | NA-0807 | Begay No. 1 and Carrizo No. 1 Mines | Red Valley | | Yes | 160 |
| 19 | NA-0808 | | Red Valley | | Yes | 160 |
| 484 | NA-0809 | | Red Valley | | Yes | 160 |
| 10 | NA-0810 | Begay No. 2 Mine | Red Valley | | Yes | 160 |
| 487 | NA-0811 | King Tutt Point Mines | Red Valley | | Yes | 160 |
| 485 | NA-0812 | Begay No. 1 and Carrizo No. 1 Mines | Red Valley | | Yes | 160 |
| 11 | NA-0813 | | Red Valley | | Yes | 160 |
| 8 | NA-0814 | | Red Valley | | Yes | 160 |
| 483 | NA-0815 | | Red Valley | | Yes | 160 |
| 3 | NA-0816 | | Red Valley | | Yes | 160 |
| 2 | NA-0817 | | Red Valley | | Yes | 160 |
| 30 | NA-0817 | Red Wash Mine (Hosteen S. Begay) | Red Valley | | Yes | 160 |
| 17 | NA-0818 | | Red Valley | | Yes | 160 |
| 41 | NA-0818 | | Red Valley | | Yes | 160 |
| 13 | NA-0819a | Salt Canyon Mines | Red Valley | | Yes | 160 |
| 14 | NA-0819b | Salt Canyon Mines | Red Valley | | Yes | 160 |
| 7 | NA-0820 | Stripped Area 1 of VCA Plot 3 | Red Valley | | Yes | 160 |
| 480 | NA-0821 | Stripped Area 3 of VCA Plot 3 | Red Valley | | Yes | 160 |
| 479 | NA-0822 | | Red Valley | | Yes | 160 |
| 16 | NA-0823 | Upper Salt Rock Canyon Mine | Red Valley | | Yes | 160 |
| 289 | NA-0823 | Lower Salt Rock Canyon Mine | Red Valley | | Yes | 160 |
| 5 | NA-0824 | | Red Valley | | Yes | 160 |
| 31 | NA-0825 | Upper Red Wash Mine | Red Valley | | Yes | 160 |
| 32 | NA-0825 | Upper Red Wash Mine | Red Valley | | Yes | 160 |
| 4 | NA-0826 | | Red Valley | | Yes | 160 |
| 12 | NA-0827 | Williams Point Mine | Red Valley | | Yes | 160 |
| 1 | NA-0828 | Red Wash Mine (Leroy Pettigrew) | Red Valley | | Yes | 160 |
| 42 | NA-0828 | Red Rock Mine | Red Valley | | Yes | 160 |
| 43 | NA-0828 | | Red Valley | | Yes | 160 |
| 486 | Oak125 | | Red Valley | | Yes | 160 |
| 482 | Oak143 | | Red Valley | | Yes | 160 |
| 478 | Oak156 | | Red Valley | | Yes | 160 |
| 432 | Oak221 | Rocky Spring Mine | Red Valley | | Yes | 160 |
| 441 | Oak230 | | Red Valley | | Yes | 160 |
| 440 | Oak238 | | Red Valley | | Yes | 160 |
| 433 | San018 | | Red Valley | | Yes | 160 |
| 77 | NA-0700 | | Rough Rock | | Yes | 160 |
| 427 | Cov198 | | Round Rock | | Yes | 160 |
| 428 | Cov216 | Knife Edge Mesa Mine | Round Rock | | Yes | 160 |
| 429 | Cov226 | Cisco Mine | Round Rock | | Yes | 160 |
| 208 | NA-0325 | Camp Mine | Round Rock | | Yes | 160 |

TABLE 2. Surface Water Pathway Score Table for AUMs on and Within 1 Mile of the Navajo Nation

| Mine_ID | Source_ID | Mine_Name | Chapter1 | Chapter2 | Mine Within One Mile Overland | Surface Water Score |
|---------|-------------------------------------|------------------------------------|------------|------------|-------------------------------|---------------------|
| 467 | NA-0326 | Joleo Mine | Round Rock | | Yes | 160 |
| 205 | NA-0327 | | Round Rock | | Yes | 160 |
| 206 | NA-0328 | | Round Rock | | Yes | 160 |
| 511 | NA-0329 | | Round Rock | | Yes | 160 |
| 512 | NA-0329 | | Round Rock | | Yes | 160 |
| 204 | NA-0330 | | Round Rock | | Yes | 160 |
| 203 | NA-0331 | | Round Rock | | Yes | 160 |
| 202 | NA-0332 | | Round Rock | | Yes | 160 |
| 201 | NA-0333 | | Round Rock | | Yes | 160 |
| 200 | NA-0334 | Jimmie King No. 9 Mine | Round Rock | | Yes | 160 |
| 199 | NA-0335 | | Round Rock | | Yes | 160 |
| 468 | NA-0336 | Hall Mine | Round Rock | | Yes | 160 |
| 197 | NA-0337 | Mexican Cry Mine | Round Rock | | Yes | 160 |
| 198 | NA-0337 | Mexican Cry Mine | Round Rock | | Yes | 160 |
| 40 | NA-0338 | West Mesa Mine | Round Rock | Red Valley | Yes | 160 |
| 207 | NA-0343 | | Round Rock | | Yes | 160 |
| 45 | NA-0601 | | Sanostee | | Yes | 160 |
| 192 | NA-0603 | | Sanostee | | Yes | 160 |
| 466 | NA-0604 | | Sanostee | | Yes | 160 |
| 195 | NA-0608 | | Sanostee | | Yes | 160 |
| 44 | NA-0610 | | Sanostee | | Yes | 160 |
| 465 | NA-0611 | | Sanostee | | Yes | 160 |
| 193 | NA-0612 | | Sanostee | | Yes | 160 |
| 194 | NA-0613 | | Sanostee | | Yes | 160 |
| 407 | San001 | | Sanostee | | Yes | 160 |
| 411 | San002 | | Sanostee | | Yes | 160 |
| 414 | San003 | | Sanostee | | Yes | 160 |
| 413 | San006 | | Sanostee | | Yes | 160 |
| 412 | San007 | Enos Johnson Mine | Sanostee | | Yes | 160 |
| 410 | San008 | | Sanostee | | Yes | 160 |
| 409 | San010 | | Sanostee | | Yes | 160 |
| 408 | San017 | | Sanostee | | Yes | 160 |
| 322 | NMMK0015 | Black Jack No. 1 | Smith Lake | | Yes | 160 |
| 319 | NMMK0016 | Black Jack No. 2 | Smith Lake | | Yes | 160 |
| 320 | NMMK0098 | Mac No. 2 | Smith Lake | | Yes | 160 |
| | NMMK0145, NMMK0146, 321 NMMK0148 | Ruby No. 1 | Smith Lake | | Yes | 160 |
| 323 | NMMK0147, NMMK0260 | Ruby No. 3 | Smith Lake | | Yes | 160 |
| 502 | Cov121 | Cove Mesa Mines (AEC Lease Plot 7) | Sweetwater | | Yes | 160 |
| 500 | Cov122 | Cove Mesa Mines (AEC Lease Plot 7) | Sweetwater | | Yes | 160 |
| 503 | Cov125 | Cove Mesa Mines (AEC Lease Plot 7) | Sweetwater | | Yes | 160 |
| 434 | Cov178 | Cove Mesa Mines (AEC Lease Plot 7) | Sweetwater | Red Valley | Yes | 160 |
| 504 | NA-0303 | Cove Mesa Mines (AEC Lease Plot 7) | Sweetwater | Red Valley | Yes | 160 |
| 497 | NA-0304 | Cove Mesa Mines (AEC Lease Plot 7) | Sweetwater | | Yes | 160 |

TABLE 2. Surface Water Pathway Score Table for AUMs on and Within 1 Mile of the Navajo Nation

| Mine_ID | Source_ID | Mine_Name | Chapter1 | Chapter2 | Mine Within One Mile Overland | Surface Water Score |
|---------|-----------|------------------------------------|-----------------|--------------|-------------------------------|---------------------|
| 498 | NA-0305 | Cove Mesa Mines (AEC Lease Plot 7) | Sweetwater | | Yes | 160 |
| 39 | NA-0306 | Cove Mesa Mines (AEC Lease Plot 7) | Sweetwater | | Yes | 160 |
| 496 | NA-0307 | Cove Mesa Mines (AEC Lease Plot 7) | Sweetwater | | Yes | 160 |
| 36 | NA-0308 | Cove Mesa Mines (Cato Sells) | Sweetwater | | Yes | 160 |
| 37 | NA-0308 | Cove Mesa Mines (AEC Lease Plot 7) | Sweetwater | | Yes | 160 |
| 38 | NA-0308 | Cove Mesa Mines (AEC Lease Plot 7) | Sweetwater | | Yes | 160 |
| 495 | NA-0309 | Cove Mesa Mines (AEC Lease Plot 7) | Sweetwater | | Yes | 160 |
| 499 | NA-0340 | Cove Mesa Mines (AEC Lease Plot 7) | Sweetwater | | Yes | 160 |
| 187 | NA-0500 | | Sweetwater | | Yes | 160 |
| 216 | NA-0504 | | Sweetwater | | Yes | 160 |
| 184 | NA-0505A | | Sweetwater | | Yes | 160 |
| 185 | NA-0505B | | Sweetwater | | Yes | 160 |
| 186 | NA-0505C | | Sweetwater | | Yes | 160 |
| 217 | NA-0506 | | Sweetwater | | Yes | 160 |
| 218 | NA-0506 | | Sweetwater | | Yes | 160 |
| 188 | NA-0509B | | Sweetwater | | Yes | 160 |
| 273 | NA-0510 | | Sweetwater | | Yes | 160 |
| 274 | NA-0511 | | Sweetwater | | Yes | 160 |
| 275 | NA-0511 | | Sweetwater | | Yes | 160 |
| 210 | NA-0512 | | Sweetwater | | Yes | 160 |
| 211 | NA-0513 | | Sweetwater | | Yes | 160 |
| 213 | NA-0514 | Mildred Mine | Sweetwater | | Yes | 160 |
| 212 | NA-0515 | | Sweetwater | | Yes | 160 |
| 214 | NA-0516 | | Sweetwater | | Yes | 160 |
| 215 | NA-0516 | | Sweetwater | | Yes | 160 |
| 219 | NA-0518 | | Sweetwater | | Yes | 160 |
| 54 | NA-0908 | | Sweetwater | Teec Nos Pos | Yes | 160 |
| 51 | NA-0909 | | Sweetwater | Teec Nos Pos | Yes | 160 |
| 52 | NA-0910 | | Sweetwater | | Yes | 160 |
| 55 | NA-0912 | | Sweetwater | Teec Nos Pos | Yes | 160 |
| 50 | NA-0914 | Sah Tah Mine | Sweetwater | Teec Nos Pos | Yes | 160 |
| 57 | NA-0915 | | Sweetwater | Teec Nos Pos | Yes | 160 |
| 56 | NA-0920 | | Sweetwater | | Yes | 160 |
| 53 | NA-0921A | | Sweetwater | Teec Nos Pos | Yes | 160 |
| 114 | NA-0922B | | Sweetwater | | Yes | 160 |
| 108 | NA-0922C | | Sweetwater | | Yes | 160 |
| 109 | NA-0922C | | Sweetwater | | Yes | 160 |
| 67 | NA-0924 | | Sweetwater | Teec Nos Pos | Yes | 160 |
| 58 | NA-0926 | | Sweetwater | Teec Nos Pos | Yes | 160 |
| 437 | Swt002 | | Sweetwater | | Yes | 160 |
| 438 | Swt003 | | Sweetwater | | Yes | 160 |
| 436 | Swt018 | | Sweetwater | | Yes | 160 |
| 435 | Swt036 | | Sweetwater | | Yes | 160 |
| 80 | NA-0706 | | Tachee/Blue Gap | | Yes | 160 |

TABLE 2. Surface Water Pathway Score Table for AUMs on and Within 1 Mile of the Navajo Nation

| Mine_ID | Source_ID | Mine_Name | Chapter1 | Chapter2 | Mine Within One Mile Overland | Surface Water Score |
|---------|-----------------------|--------------------|--------------------|-----------------|-------------------------------|---------------------|
| 295 | MP206 | MP206 | Teec Nos Pos | | Yes | 160 |
| 282 | NA-0402 | | Teec Nos Pos | | Yes | 160 |
| 292 | NA-0900 | | Teec Nos Pos | | Yes | 160 |
| 71 | NA-0902, NA-0917A & B | | Teec Nos Pos | | Yes | 160 |
| 72 | NA-0902, NA-0918 | | Teec Nos Pos | | Yes | 160 |
| 59 | NA-0904 | | Teec Nos Pos | Sweetwater | Yes | 160 |
| 66 | NA-0905 | | Teec Nos Pos | Sweetwater | Yes | 160 |
| 491 | NA-0907 | | Teec Nos Pos | | Yes | 160 |
| 68 | NA-0911 | | Teec Nos Pos | | Yes | 160 |
| 60 | NA-0916 | | Teec Nos Pos | Sweetwater | Yes | 160 |
| 70 | NA-0918 | | Teec Nos Pos | | Yes | 160 |
| 116 | NA-0919A | | Teec Nos Pos | | Yes | 160 |
| 69 | NA-0919B | | Teec Nos Pos | | Yes | 160 |
| 115 | NA-0921B | | Teec Nos Pos | Sweetwater | Yes | 160 |
| 113 | NA-0922A | | Teec Nos Pos | Sweetwater | Yes | 160 |
| 65 | NA-0923 | | Teec Nos Pos | | Yes | 160 |
| 61 | NA-0925, NA-0903 | | Teec Nos Pos | | Yes | 160 |
| 62 | NA-0927 | | Teec Nos Pos | | Yes | 160 |
| 63 | NA-0928 | | Teec Nos Pos | Sweetwater | Yes | 160 |
| 64 | NA-0929 | | Teec Nos Pos | | Yes | 160 |
| 283 | NA-0930 | | Teec Nos Pos | | Yes | 160 |
| 284 | NA-0931 | | Teec Nos Pos | | Yes | 160 |
| 492 | Tse079 | | Teec Nos Pos | | Yes | 160 |
| 89 | NA-0750 | | Teesto | | Yes | 160 |
| 405 | Blk019b | | Tselani/Cottonwood | | Yes | 160 |
| 403 | Blk020 | | Tselani/Cottonwood | | Yes | 160 |
| 404 | Blk022 | | Tselani/Cottonwood | | Yes | 160 |
| 81 | NA-0702 | | Tselani/Cottonwood | | Yes | 160 |
| 82 | NA-0704 | | Tselani/Cottonwood | Tachee/Blue Gap | Yes | 160 |
| 83 | NA-0707 | | Tselani/Cottonwood | | Yes | 160 |
| 84 | NA-0708 | | Tselani/Cottonwood | | Yes | 160 |
| 464 | 999 | ???Uranium Mine??? | | | Yes | 160 |
| 384 | Cam051 | | Cameron | | No | 0 |
| 379 | Cam042 | | Coalmine Canyon | | No | 0 |
| 380 | Cam060 | | Coalmine Canyon | | No | 0 |
| 381 | Cam061 | | Coalmine Canyon | | No | 0 |
| 396 | Mon065 | | Oljato | | No | 0 |

TABLE 3. Ground Water Pathway Score Table for AUMs on and Within 1 Mile of the Navajo Nation

| Mine_ID | Source_ID | Mine_Name | Chapter1 | Chapter2 | Wells on Mine Count | 1/4 Mile Wells Count | 1 Mile Wells Count | 4 Mile Wells Count | Total Wells | 1/4 Mile Score | 1 Mile Score | 4 Mile Score | Total Ground Water Score |
|---------|------------------------------------|-------------------------------|-------------------|---------------|---------------------|----------------------|--------------------|--------------------|-------------|----------------|--------------|--------------|--------------------------|
| 50 | NA-0914 | Sah Tah Mine | Sweetwater | Teeec Nos Pos | 1 | 6 | 2 | 11 | 20 | 700 | 100 | 110 | 910 |
| 54 | NA-0908 | | Sweetwater | Teeec Nos Pos | | 4 | 5 | 11 | 20 | 400 | 250 | 110 | 760 |
| 53 | NA-0921A | | Sweetwater | Teeec Nos Pos | 2 | 2 | 4 | 12 | 20 | 400 | 200 | 120 | 720 |
| 108 | NA-0922C | | Sweetwater | | | 4 | 4 | 12 | 20 | 400 | 200 | 120 | 720 |
| 115 | NA-0921B | | Teeec Nos Pos | Sweetwater | | 4 | 4 | 12 | 20 | 400 | 200 | 120 | 720 |
| 52 | NA-0910 | | Sweetwater | | | 3 | 6 | 11 | 20 | 300 | 300 | 110 | 710 |
| 114 | NA-0922B | | Sweetwater | | | 3 | 6 | 11 | 20 | 300 | 300 | 110 | 710 |
| 470 | NMMK0349 | Ambrosia Lake Mill | Off Navajo Nation | | | 4 | 2 | 20 | 26 | 400 | 100 | 200 | 700 |
| 109 | NA-0922C | | Sweetwater | | | 3 | 5 | 12 | 20 | 300 | 250 | 120 | 670 |
| 51 | NA-0909 | | Sweetwater | Teeec Nos Pos | | 2 | 7 | 11 | 20 | 200 | 350 | 110 | 660 |
| 181 | NA-0217 | Harvey Black Mine | Ojato | | | | 6 | 35 | 41 | 0 | 300 | 350 | 650 |
| 55 | NA-0912 | | Sweetwater | Teeec Nos Pos | | | 10 | 10 | 20 | 0 | 500 | 100 | 600 |
| 316 | NMMK0040 | Crownpoint | Crownpoint | | 1 | 1 | 4 | 17 | 23 | 200 | 200 | 170 | 570 |
| 56 | NA-0920 | | Sweetwater | | | | 9 | 11 | 20 | 0 | 450 | 110 | 560 |
| 113 | NA-0922A | | Teeec Nos Pos | Sweetwater | | | 9 | 11 | 20 | 0 | 450 | 110 | 560 |
| 228 | NA-0106 | A & B No. 3 | Cameron | | | | 8 | 15 | 23 | 0 | 400 | 150 | 550 |
| 57 | NA-0915 | | Sweetwater | Teeec Nos Pos | | | 8 | 12 | 20 | 0 | 400 | 120 | 520 |
| 521 | NA-0204 | Willie Water Claim | Kayenta | | | | 9 | 6 | 15 | 0 | 450 | 60 | 510 |
| 225 | NA-0214 | Keith Mine - A | Ojato | | | | 6 | 20 | 26 | 0 | 300 | 200 | 500 |
| 179 | NA-0220 | Sunlight Mine | Ojato | | | 1 | 3 | 24 | 28 | 100 | 150 | 240 | 490 |
| 322 | NMMK0015 | Black Jack No. 1 | Smith Lake | | 2 | | 0 | 29 | 31 | 200 | 0 | 290 | 490 |
| 253 | NA-0200 | Moonlight Mine | Ojato | | | | 3 | 33 | 36 | 0 | 150 | 330 | 480 |
| 329 | NMMK0014, NMMK0073, NMMK0200 | Billy the Kid | Baca/Prewitt | | | 1 | 6 | 7 | 14 | 100 | 300 | 70 | 470 |
| 306 | NMMK0114 | NE Church Rock No. 2 | Coyote Canyon | | 4 | | 0 | 7 | 11 | 400 | 0 | 70 | 470 |
| 520 | Mon007 | Big Four Mine | Ojato | | 1 | 1 | 2 | 17 | 21 | 200 | 100 | 170 | 470 |
| 519 | NA-0219 | Big Four Mine | Ojato | | 1 | 1 | 2 | 17 | 21 | 200 | 100 | 170 | 470 |
| 188 | NA-0509B | | Sweetwater | | | | 8 | 7 | 15 | 0 | 400 | 70 | 470 |
| 389 | Mon069 | | Ojato | | | | 4 | 25 | 29 | 0 | 200 | 250 | 450 |
| 258 | NA-0208 | | Ojato | | | | 2 | 34 | 36 | 0 | 100 | 340 | 440 |
| 245 | NA-0210 | Monument #1 Annex Mine | Ojato | | | | 2 | 34 | 36 | 0 | 100 | 340 | 440 |
| 175 | NA-0108 | A & B No. 2 | Cameron | | | | 5 | 17 | 22 | 0 | 250 | 170 | 420 |
| 180 | NA-0221, NA-0207 | Starlight Mine | Ojato | | | 1 | 1 | 26 | 28 | 100 | 50 | 260 | 410 |
| 20 | NA-0800 | Oak Springs Mine (Gravel Cap) | Red Valley | | | 2 | 1 | 16 | 19 | 200 | 50 | 160 | 410 |
| 19 | NA-0808 | | Red Valley | | | 2 | 1 | 16 | 19 | 200 | 50 | 160 | 410 |
| 479 | NA-0822 | | Red Valley | | | | 5 | 16 | 21 | 0 | 250 | 160 | 410 |
| 481 | NA-0806 | | Red Valley | | | | 5 | 15 | 20 | 0 | 250 | 150 | 400 |
| 480 | NA-0821 | Stripped Area 3 of VCA Plot 3 | Red Valley | | | | 5 | 15 | 20 | 0 | 250 | 150 | 400 |
| 478 | Oak156 | | Red Valley | | | | 5 | 15 | 20 | 0 | 250 | 150 | 400 |
| 323 | NMMK0147, NMMK0260 | Ruby No. 3 | Smith Lake | | | | 2 | 30 | 32 | 0 | 100 | 300 | 400 |
| 112 | NA-0229 | Montezuma Creek Mine | Aneth | | | | 1 | 34 | 35 | 0 | 50 | 340 | 390 |

TABLE 3. Ground Water Pathway Score Table for AUMs on and Within 1 Mile of the Navajo Nation

| Mine_ID | Source_ID | Mine_Name | Chapter1 | Chapter2 | Wells on Mine Count | 1/4 Mile Wells Count | 1 Mile Wells Count | 4 Mile Wells Count | Total Wells | 1/4 Mile Score | 1 Mile Score | 4 Mile Score | Total Ground Water Score | |
|---------|------------------------------|------------------------------|-------------------------------|---------------|---------------------|----------------------|--------------------|--------------------|-------------|----------------|--------------|--------------|--------------------------|-----|
| 328 | NMMK0140 | Red Top | Baca/Prewitt | | 1 | 4 | 9 | 14 | 100 | 200 | 90 | 390 | | |
| 60 | NA-0916 | | Teeec Nos Pos | Sweetwater | 1 | 2 | 19 | 22 | 100 | 100 | 190 | 390 | | |
| 315 | NMMK0038 | Crownpoint | Nahodishgish | | 2 | 0 | 18 | 20 | 200 | 0 | 180 | 380 | | |
| 257 | NA-0202 | | Olijato | | | 1 | 33 | 34 | 0 | 50 | 330 | 380 | | |
| 259 | NA-0208 | | Olijato | | | 1 | 33 | 34 | 0 | 50 | 330 | 380 | | |
| 247 | NA-0210 | Mitten #2 - A | Olijato | | | 0 | 38 | 38 | 0 | 0 | 380 | 380 | | |
| 393 | Mon013 | Daylight Mine | Olijato | | | 2 | 27 | 29 | 0 | 100 | 270 | 370 | | |
| 223 | NA-0237 | Rock Door Mine | Olijato | | | 2 | 27 | 29 | 0 | 100 | 270 | 370 | | |
| 483 | NA-0815 | | Red Valley | | | 4 | 17 | 21 | 0 | 200 | 170 | 370 | | |
| | NMMK0145, NMMK0146, NMMK0148 | Ruby No. 1 | Smith Lake | | | 2 | 1 | 12 | 15 | 200 | 50 | 120 | 370 | |
| 59 | NA-0904 | | Teeec Nos Pos | Sweetwater | 1 | 2 | 17 | 20 | 100 | 100 | 170 | 370 | | |
| 224 | NA-0215 | Norcross Mine - A | Olijato | | | 1 | 31 | 32 | 0 | 50 | 310 | 360 | | |
| 182 | NA-0216 | Tom Holiday Mine | Olijato | | | 0 | 36 | 36 | 0 | 0 | 360 | 360 | | |
| 293 | NA-0238 | | Red Mesa | | | 0 | 36 | 36 | 0 | 0 | 360 | 360 | | |
| 484 | NA-0809 | | Red Valley | | | 4 | 16 | 20 | 0 | 200 | 160 | 360 | | |
| 246 | NA-0210 | Monument #1 - A | Olijato | | | 0 | 35 | 35 | 0 | 0 | 350 | 350 | | |
| 260 | NA-0211 | Mitten 31 Mine | Olijato | | | 4 | 15 | 19 | 0 | 200 | 150 | 350 | | |
| | NA-0925, NA-0903 | | Teeec Nos Pos | | | 1 | 1 | 20 | 22 | 100 | 50 | 200 | 350 | |
| 330 | NMMK0141 | Red Top | Baca/Prewitt | | | | 5 | 9 | 14 | 0 | 250 | 90 | 340 | |
| 135 | NA-0138 | Boyd Tisi No. 2 | Coalmine Canyon | | | 1 | 2 | 14 | 17 | 100 | 100 | 140 | 340 | |
| 136 | NA-0139 | Juan Horse No. 3 | Coalmine Canyon | | | 1 | 2 | 14 | 17 | 100 | 100 | 140 | 340 | |
| | Cove Transfer Station | Cove Transfer Station | Cove | | | 2 | 0 | 14 | 16 | 200 | 0 | 140 | 340 | |
| 518 | Mon077 | | Olijato | | | 0 | 34 | 34 | 0 | 0 | 340 | 340 | | |
| 517 | NA-0234 | | Olijato | | | 0 | 34 | 34 | 0 | 0 | 340 | 340 | | |
| 261 | NA-0211 | Taylor Reid Mine - B | Olijato | | | 1 | 2 | 13 | 16 | 100 | 100 | 130 | 330 | |
| 68 | NA-0911 | | Teeec Nos Pos | | | 1 | 1 | 18 | 20 | 100 | 50 | 180 | 330 | |
| 124 | NA-0129 | Charles Huskon No. 1 | Coalmine Canyon | | | | 3 | 17 | 20 | 0 | 150 | 170 | 320 | |
| 128 | NA-0130 | Max Johnson No. 10 | Coalmine Canyon | | | | 3 | 17 | 20 | 0 | 150 | 170 | 320 | |
| 6 | NA-0804 | Lookout Point Incline Mine | Red Valley | | | | 3 | 17 | 20 | 0 | 150 | 170 | 320 | |
| 8 | NA-0814 | | Red Valley | | | | 3 | 17 | 20 | 0 | 150 | 170 | 320 | |
| | 7 | NA-0820 | Stripped Area 1 of VCA Plot 3 | Red Valley | | | 3 | 17 | 20 | 0 | 150 | 170 | 320 | |
| | 482 | Oak143 | Red Valley | | | | 3 | 17 | 20 | 0 | 150 | 170 | 320 | |
| | 295 | MP206 | MP206 | Teeec Nos Pos | | | 0 | 32 | 32 | 0 | 0 | 320 | 320 | |
| | 277 | NA-0424 | Beclabito | | | 2 | 1 | 6 | 9 | 200 | 50 | 60 | 310 | |
| | 256 | NA-0212 | Mitten #1 'B' | Olijato | | | 0 | 31 | 31 | 0 | 0 | 310 | 310 | |
| | 58 | NA-0926 | Sweetwater | Teeec Nos Pos | | | 3 | 16 | 19 | 0 | 150 | 160 | 310 | |
| | 89 | NA-0750 | Teesto | | | | 4 | 11 | 15 | 0 | 200 | 110 | 310 | |
| | 307 | NMMK0034, NMMK0318, NMMK0319 | Church Rock | Church Rock | | 1 | 1 | 0 | 10 | 12 | 200 | 0 | 100 | 300 |

TABLE 3. Ground Water Pathway Score Table for AUMs on and Within 1 Mile of the Navajo Nation

| Mine_ID | Source_ID | Mine_Name | Chapter1 | Chapter2 | Wells on Mine Count | 1/4 Mile Wells Count | 1 Mile Wells Count | 4 Mile Wells Count | Total Wells | 1/4 Mile Score | 1 Mile Score | 4 Mile Score | Total Ground Water Score |
|---------|-----------|---------------------------------|-------------------|-------------------|---------------------|----------------------|--------------------|--------------------|-------------|----------------|--------------|--------------|--------------------------|
| 160 | NA-0124a | Jack Daniels No. 1-5 | Coalmine Canyon | | 1 | 1 | 15 | 17 | 100 | 50 | 150 | 150 | 300 |
| 255 | NA-0212 | Mitten #1 'A' | Oljato | | 0 | 30 | 30 | 0 | 0 | 300 | 0 | 300 | 300 |
| 42 | NA-0828 | Red Rock Mine | Red Valley | | 3 | 15 | 18 | 0 | 150 | 150 | 150 | 150 | 300 |
| 65 | NA-0923 | | Teeec Nos Pos | | 2 | 20 | 22 | 0 | 100 | 200 | 0 | 200 | 300 |
| 355 | NMMK0208 | Section 23 | Off Navajo Nation | | 1 | 2 | 9 | 12 | 100 | 100 | 90 | 290 | |
| 353 | NMMK0220 | Section 25 | Off Navajo Nation | | 1 | 0 | 19 | 20 | 100 | 0 | 190 | 290 | |
| 391 | Mon029 | Tract 24 Mine - A | Oljato | | 2 | 19 | 21 | 0 | 100 | 190 | 290 | 290 | |
| 251 | NA-0206 | Big Chief Mine | Oljato | | 0 | 29 | 29 | 0 | 0 | 290 | 290 | 290 | |
| 515 | NA-0211 | Taylor Reid Mine - A | Oljato | | 3 | 14 | 17 | 0 | 150 | 140 | 290 | 290 | |
| 516 | NA-0211 | C-3 Mine | Oljato | | 3 | 14 | 17 | 0 | 150 | 140 | 290 | 290 | |
| 254 | NA-0212 | Skyline Mine - East | Oljato | | 0 | 29 | 29 | 0 | 0 | 290 | 290 | 290 | |
| 67 | NA-0924 | | Sweetwater | Teeec Nos Pos | | 2 | 19 | 21 | 0 | 100 | 190 | 290 | |
| 66 | NA-0905 | | Teeec Nos Pos | Sweetwater | | 2 | 19 | 21 | 0 | 100 | 190 | 290 | |
| 327 | NMMK0055 | Elkins | Baca/Prewitt | | 4 | 8 | 12 | 0 | 200 | 80 | 280 | 280 | |
| 326 | NMMK0057 | Elkins | Baca/Prewitt | | 4 | 8 | 12 | 0 | 200 | 80 | 280 | 280 | |
| 356 | NMMK0206 | Section 22 | Baca/Prewitt | Off Navajo Nation | 1 | 2 | 8 | 11 | 100 | 100 | 80 | 280 | |
| 125 | NA-0127 | | Coalmine Canyon | | 2 | 18 | 20 | 0 | 100 | 180 | 280 | 280 | |
| 126 | NA-0128A | Lernuel Littleman No. 2 | Coalmine Canyon | | 2 | 18 | 20 | 0 | 100 | 180 | 280 | 280 | |
| 354 | NMMK0214 | Section 24 | Off Navajo Nation | | 2 | 18 | 20 | 0 | 100 | 180 | 280 | 280 | |
| 365 | NMMK0218 | Section 25 SEQ | Off Navajo Nation | | 2 | 0 | 8 | 10 | 200 | 0 | 80 | 280 | |
| 368 | NMMK0218 | Section 25 SEQ | Off Navajo Nation | | 2 | 0 | 8 | 10 | 200 | 0 | 80 | 280 | |
| 392 | Mon030 | Tract 24 Mine - B | Oljato | | 2 | 18 | 20 | 0 | 100 | 180 | 280 | 280 | |
| 9 | NA-0803 | Lookout Point Mines | Red Valley | | 2 | 18 | 20 | 0 | 100 | 180 | 280 | 280 | |
| 5 | NA-0824 | | Red Valley | | 1 | 0 | 18 | 19 | 100 | 0 | 180 | 280 | |
| 12 | NA-0827 | Williams Point Mine | Red Valley | | 2 | 18 | 20 | 0 | 100 | 180 | 280 | 280 | |
| 333 | NMMK0345 | Yucca | Baca/Prewitt | | 1 | 22 | 23 | 0 | 50 | 220 | 270 | 270 | |
| 74 | NA-0712 | | Chilchinibeto | | 1 | 22 | 23 | 0 | 50 | 220 | 270 | 270 | |
| 18 | NA-0801 | | Red Valley | | 2 | 17 | 19 | 0 | 100 | 170 | 270 | 270 | |
| 41 | NA-0818 | | Red Valley | | 2 | 17 | 19 | 0 | 100 | 170 | 270 | 270 | |
| 440 | Oak238 | | Red Valley | | 2 | 17 | 19 | 0 | 100 | 170 | 270 | 270 | |
| 63 | NA-0928 | | Teeec Nos Pos | Sweetwater | 2 | 17 | 19 | 0 | 100 | 170 | 270 | 270 | |
| 130 | NA-0131a | Elwood Canyon No. 1 | Coalmine Canyon | | 2 | 16 | 18 | 0 | 100 | 160 | 260 | 260 | |
| 131 | NA-0134 | Alice Tolino No. 1 & 3 | Coalmine Canyon | | 2 | 16 | 18 | 0 | 100 | 160 | 260 | 260 | |
| 133 | NA-0135 | Evans Huskon No. 2 | Coalmine Canyon | | 2 | 16 | 18 | 0 | 100 | 160 | 260 | 260 | |
| 134 | NA-0137 | Yazzie No. 312 | Coalmine Canyon | | 2 | 16 | 18 | 0 | 100 | 160 | 260 | 260 | |
| 242 | NA-0225 | John Yazzie #1 Mine | Kayenta | | 3 | 11 | 14 | 0 | 150 | 110 | 260 | 260 | |
| 22 | NA-0406 | Leroy Mine | Red Valley | | 2 | 16 | 18 | 0 | 100 | 160 | 260 | 260 | |
| 487 | NA-0811 | King Tutt Point Mines | Red Valley | | 2 | 16 | 18 | 0 | 100 | 160 | 260 | 260 | |
| 1 | NA-0828 | Red Wash Mine (Leroy Pettigrew) | Red Valley | | 2 | 16 | 18 | 0 | 100 | 160 | 260 | 260 | |
| 43 | NA-0828 | | Red Valley | | 2 | 16 | 18 | 0 | 100 | 160 | 260 | 260 | |
| 441 | Oak230 | | Red Valley | | 2 | 16 | 18 | 0 | 100 | 160 | 260 | 260 | |
| 382 | Cam043 | | Cameron | | 1 | 20 | 21 | 0 | 50 | 200 | 250 | 250 | |
| 132 | NA-0136 | Yazzie No. 101 | Coalmine Canyon | | 2 | 15 | 17 | 0 | 100 | 150 | 250 | 250 | |
| 123 | NA-0141 | Juan Horse No. 4 | Coalmine Canyon | | 2 | 15 | 17 | 0 | 100 | 150 | 250 | 250 | |
| 21 | NA-0405 | | Red Valley | | 2 | 15 | 17 | 0 | 100 | 150 | 250 | 250 | |

TABLE 3. Ground Water Pathway Score Table for AUMs on and Within 1 Mile of the Navajo Nation

| Mine_ID | Source_ID | Mine_Name | Chapter1 | Chapter2 | Wells on Mine Count | 1/4 Mile Wells Count | 1 Mile Wells Count | 4 Mile Wells Count | Total Wells | 1/4 Mile Score | 1 Mile Score | 4 Mile Score | Total Ground Water Score |
|---------|------------------------------------|-------------------------------------|-------------------|-------------------|---------------------|----------------------|--------------------|--------------------|-------------|----------------|--------------|--------------|--------------------------|
| 23 | NA-0407 | Lower Canyon Mine | Red Valley | | | | 2 | 15 | 17 | 0 | 100 | 150 | 250 |
| 16 | NA-0823 | Upper Salt Rock Canyon Mine | Red Valley | | | | 1 | 19 | 20 | 0 | 50 | 190 | 240 |
| 71 | NA-0902, NA-0917A & B | | Teeec Nos Pos | | | | 1 | 19 | 20 | 0 | 50 | 190 | 240 |
| 72 | NA-0902, NA-0918 | | Teeec Nos Pos | | | | 1 | 19 | 20 | 0 | 50 | 190 | 240 |
| 491 | NA-0907 | | Teeec Nos Pos | | | | 1 | 19 | 20 | 0 | 50 | 190 | 240 |
| 70 | NA-0918 | | Teeec Nos Pos | | | | 1 | 19 | 20 | 0 | 50 | 190 | 240 |
| 64 | NA-0929 | | Teeec Nos Pos | | | | 1 | 19 | 20 | 0 | 50 | 190 | 240 |
| 284 | NA-0931 | | Teeec Nos Pos | | | | 2 | 14 | 16 | 0 | 100 | 140 | 240 |
| 492 | Tse079 | | Teeec Nos Pos | | | | 1 | 19 | 20 | 0 | 50 | 190 | 240 |
| 176 | NA-0107 | Montezuma No. 1 | Cameron | | | | 1 | 18 | 19 | 0 | 50 | 180 | 230 |
| 358 | NMMK0051 | Dysart No. 1 | Off Navajo Nation | | 1 | | 1 | 8 | 10 | 100 | 50 | 80 | 230 |
| 370 | NMMK0235 | Section 30 | Off Navajo Nation | | | | 3 | 8 | 11 | 0 | 150 | 80 | 230 |
| 371 | NMMK0235 | Section 30 | Off Navajo Nation | | | | 3 | 8 | 11 | 0 | 150 | 80 | 230 |
| 372 | NMMK0235 | Section 30 | Off Navajo Nation | | | | 3 | 8 | 11 | 0 | 150 | 80 | 230 |
| 189 | NA-0509A | | Red Mesa | | | 1 | 0 | 13 | 14 | 100 | 0 | 130 | 230 |
| 477 | NA-0805 | Shadyside Incline | Red Valley | | | | 1 | 18 | 19 | 0 | 50 | 180 | 230 |
| 2 | NA-0817 | | Red Valley | | | | 1 | 18 | 19 | 0 | 50 | 180 | 230 |
| 13 | NA-0819a | Salt Canyon Mines | Red Valley | | | | 1 | 18 | 19 | 0 | 50 | 180 | 230 |
| 14 | NA-0819b | Salt Canyon Mines | Red Valley | | | | 1 | 18 | 19 | 0 | 50 | 180 | 230 |
| 4 | NA-0826 | | Red Valley | | | | 1 | 18 | 19 | 0 | 50 | 180 | 230 |
| 116 | NA-0919A | | Teeec Nos Pos | | | | 1 | 18 | 19 | 0 | 50 | 180 | 230 |
| 69 | NA-0919B | | Teeec Nos Pos | | | | 1 | 18 | 19 | 0 | 50 | 180 | 230 |
| 62 | NA-0927 | | Teeec Nos Pos | | | | 1 | 18 | 19 | 0 | 50 | 180 | 230 |
| 476 | NMMK0085 | Hutton-James | Baca/Prewitt | | | | 0 | 22 | 22 | 0 | 0 | 220 | 220 |
| 332 | NMMK0136 | Red Cap | Baca/Prewitt | | | | 2 | 12 | 14 | 0 | 100 | 120 | 220 |
| | NMMK0221, NMMK0207, NMMK0338 | | | | | | | | | | | | |
| 364 | NMMK0249 | Section 26 | Baca/Prewitt | Off Navajo Nation | | | 3 | 7 | 10 | 0 | 150 | 70 | 220 |
| 337 | NMMK0249 | Section 34 | Baca/Prewitt | | | | 0 | 22 | 22 | 0 | 0 | 220 | 220 |
| 325 | NMMK0257 | Silver Bit | Baca/Prewitt | | | | 0 | 22 | 22 | 0 | 0 | 220 | 220 |
| 120 | NA-0123 | Charles Huskon No. 19 | Coalmine Canyon | | | | 2 | 12 | 14 | 0 | 100 | 120 | 220 |
| 367 | NMMK0218 | Section 25 SEQ | Off Navajo Nation | | | | 3 | 7 | 10 | 0 | 150 | 70 | 220 |
| 369 | NMMK0218 | Section 25 SEQ | Off Navajo Nation | | | | 3 | 7 | 10 | 0 | 150 | 70 | 220 |
| 226 | NA-0218 | Monument #3 Mine | Ojato | | | | 0 | 22 | 22 | 0 | 0 | 220 | 220 |
| 27 | NA-0410 | Lone Star Mine | Red Valley | | | | 1 | 17 | 18 | 0 | 50 | 170 | 220 |
| 485 | NA-0812 | Begay No. 1 and Carrizo No. 1 Mines | Red Valley | | | | 1 | 17 | 18 | 0 | 50 | 170 | 220 |
| 3 | NA-0816 | | Red Valley | | | | 1 | 17 | 18 | 0 | 50 | 170 | 220 |
| 331 | NMMK0076 | Haven | Baca/Prewitt | | | | 2 | 11 | 13 | 0 | 100 | 110 | 210 |
| 324 | NMMK0255 | Silver Bit | Baca/Prewitt | | | | 1 | 16 | 17 | 0 | 50 | 160 | 210 |
| 276 | NA-0420 | | Beclabito | | | | 3 | 6 | 9 | 0 | 150 | 60 | 210 |
| 236 | NA-0111 | | Coalmine Canyon | | | 1 | 1 | 6 | 8 | 100 | 50 | 60 | 210 |

TABLE 3. Ground Water Pathway Score Table for AUMs on and Within 1 Mile of the Navajo Nation

| Mine_ID | Source_ID | Mine_Name | Chapter1 | Chapter2 | Wells on Mine Count | 1/4 Mile Wells Count | 1 Mile Wells Count | 4 Mile Wells Count | Total Wells | 1/4 Mile Score | 1 Mile Score | 4 Mile Score | Total Ground Water Score |
|---------|--------------------|-------------------------------------|------------------------|--------------|---------------------|----------------------|--------------------|--------------------|-------------|----------------|--------------|--------------|--------------------------|
| 119 | NA-0125 | Charles Huskon No. 12 | Coalmine Canyon | | | 1 | 16 | 17 | 0 | 50 | 160 | 210 | |
| 129 | NA-0131b | Max Johnson No. 9 | Coalmine Canyon | | | 1 | 16 | 17 | 0 | 50 | 160 | 210 | |
| 304 | NMMK0117, NMMK0315 | NE Church Rock | Pinedale | | 1 | 0 | 11 | 12 | 100 | 0 | 110 | 210 | |
| 475 | NMMK0277 | Unknown | Baca/Prewitt | | | 0 | 20 | 20 | 0 | 0 | 200 | 200 | |
| 471 | NMMK0125 | Church Rock Mill | Pinedale | | | 2 | 10 | 12 | 0 | 100 | 100 | 200 | |
| 15 | NA-0802 | Franks Point Mine | Red Valley | | | 0 | 20 | 20 | 0 | 0 | 200 | 200 | |
| 290 | NA-0259 | | Bodaway/Gap | | | 3 | 4 | 7 | 0 | 150 | 40 | 190 | |
| 302 | NMMK0247 | Section 32, 33 | Casamero Lake | Baca/Prewitt | | 1 | 14 | 15 | 0 | 50 | 140 | 190 | |
| 310 | NMMK0028 | CD and S | Church Rock | | | 0 | 19 | 19 | 0 | 0 | 190 | 190 | |
| 357 | NMMK0183 | Section 15 | Off Navajo Nation | | | 3 | 4 | 7 | 0 | 150 | 40 | 190 | |
| 26 | NA-0409 | Hazel Mine | Red Valley | | | 0 | 19 | 19 | 0 | 0 | 190 | 190 | |
| 28 | NA-0411 | Cottonwood Butte Mine | Red Valley | | | 1 | 14 | 15 | 0 | 50 | 140 | 190 | |
| 10 | NA-0810 | Begay No. 2 Mine | Red Valley | | | 0 | 19 | 19 | 0 | 0 | 190 | 190 | |
| 11 | NA-0813 | | Red Valley | | | 0 | 19 | 19 | 0 | 0 | 190 | 190 | |
| 17 | NA-0818 | | Red Valley | | | 0 | 19 | 19 | 0 | 0 | 190 | 190 | |
| | | Lower Salt Rock Canyon Mine | Red Valley | | | 0 | 19 | 19 | 0 | 0 | 190 | 190 | |
| 289 | NA-0823 | | Smith Lake | | 1 | 0 | 9 | 10 | 100 | 0 | 90 | 190 | |
| 319 | NMMK0016 | Black Jack No. 2 | Teeec Nos Pos | | | 0 | 19 | 19 | 0 | 0 | 190 | 190 | |
| 292 | NA-0900 | | Baca/Prewitt | | | 3 | 3 | 6 | 0 | 150 | 30 | 180 | |
| 343 | NMMK0195 | Section 18 | Beclabito | | | 2 | 8 | 10 | 0 | 100 | 80 | 180 | |
| 47 | NA-0404 | | Beclabito | | | 1 | 13 | 14 | 0 | 50 | 130 | 180 | |
| 265 | NA-0413 | | Beclabito | | | 1 | 13 | 14 | 0 | 50 | 130 | 180 | |
| 269 | NA-0414 | | Cameron | | | 1 | 13 | 14 | 0 | 50 | 130 | 180 | |
| 384 | Cam051 | | Church Rock | | | 1 | 13 | 14 | 0 | 50 | 130 | 180 | |
| 313 | NMMK0230 | Section 28 | Lemuel Littleman No. 2 | | | 0 | 18 | 18 | 0 | 0 | 180 | 180 | |
| 127 | NA-0128B | | Coalmine Canyon | | | 0 | 18 | 18 | 0 | 0 | 180 | 180 | |
| 291 | NA-0751 | | Indian Wells | | 1 | 0 | 8 | 9 | 100 | 0 | 80 | 180 | |
| 366 | NMMK0218 | Section 25 SEQ | Off Navajo Nation | | | 2 | 8 | 10 | 0 | 100 | 80 | 180 | |
| 449 | Swt047 | | Red Mesa | | | 1 | 13 | 14 | 0 | 50 | 130 | 180 | |
| | | Begay No. 1 and Carrizo No. 1 Mines | Red Valley | | | 0 | 18 | 18 | 0 | 0 | 180 | 180 | |
| 488 | NA-0807 | | Red Valley | | | 0 | 18 | 18 | 0 | 0 | 180 | 180 | |
| 486 | Oak125 | | Rough Rock | | | 0 | 18 | 18 | 0 | 0 | 180 | 180 | |
| 77 | NA-0700 | | Teeec Nos Pos | | | 0 | 18 | 18 | 0 | 0 | 180 | 180 | |
| 282 | NA-0402 | | Baca/Prewitt | | | 0 | 18 | 18 | 0 | 0 | 180 | 180 | |
| 336 | NMMK0002 | Alta | Evelyn | | | 0 | 17 | 17 | 0 | 0 | 170 | 170 | |
| 334 | NMMK0058 | Evelyn | Haystack | | | 1 | 12 | 13 | 0 | 50 | 120 | 170 | |
| 344 | NMMK0081 | Haystack | Baca/Prewitt | | | 2 | 7 | 9 | 0 | 100 | 70 | 170 | |
| 473 | NMMK0159 | Section 2 | Baca/Prewitt | | | 0 | 17 | 17 | 0 | 0 | 170 | 170 | |
| 266 | NA-0413 | | Beclabito | | | 1 | 12 | 13 | 0 | 50 | 120 | 170 | |
| 230 | NA-0124B | Kachina No. 6 | Coalmine Canyon | | | 1 | 12 | 13 | 0 | 50 | 120 | 170 | |
| 229 | NA-0124C | Jack Daniels No. 1-5 | Coalmine Canyon | | | 1 | 12 | 13 | 0 | 50 | 120 | 170 | |
| 240 | NA-0226 | | Kayenta | | | 1 | 12 | 13 | 0 | 50 | 120 | 170 | |
| 359 | NMMK0175 | Section 10 | Off Navajo Nation | | | 2 | 7 | 9 | 0 | 100 | 70 | 170 | |
| 362 | NMMK0216 | Section 25 | Off Navajo Nation | | | 2 | 7 | 9 | 0 | 100 | 70 | 170 | |

TABLE 3. Ground Water Pathway Score Table for AUMs on and Within 1 Mile of the Navajo Nation

| Mine_ID | Source_ID | Mine_Name | Chapter1 | Chapter2 | Wells on Mine Count | 1/4 Mile Wells Count | 1 Mile Wells Count | 4 Mile Wells Count | Total Wells | 1/4 Mile Score | 1 Mile Score | 4 Mile Score | Total Ground Water Score |
|---------|--------------------|----------------------------------|-------------------|----------|---------------------|----------------------|--------------------|--------------------|-------------|----------------|--------------|--------------|--------------------------|
| 363 | NMMK0219, NMMK0215 | Section 25 Open Pit | Off Navajo Nation | | | 2 | 7 | 9 | 0 | 100 | 70 | 70 | 170 |
| 25 | NA-0400 | Syracuse Mine | Red Valley | | | 0 | 17 | 17 | 0 | 0 | 170 | 170 | 170 |
| 30 | NA-0817 | Red Wash Mine (Hosteen S. Begay) | Red Valley | | | 0 | 17 | 17 | 0 | 0 | 170 | 170 | 170 |
| 335 | NMMK0071 | Frances | Baca/Prewitt | | | 0 | 16 | 16 | 0 | 0 | 160 | 160 | 160 |
| 345 | NMMK0077 | Haystack | Baca/Prewitt | | | 1 | 11 | 12 | 0 | 50 | 110 | 110 | 160 |
| 375 | Cam033 | | Coalmine Canyon | | | 0 | 16 | 16 | 0 | 0 | 160 | 160 | 160 |
| 506 | Cov086 | | Cove | | | 1 | 11 | 12 | 0 | 50 | 110 | 110 | 160 |
| 507 | Cov087 | | Cove | | | 1 | 11 | 12 | 0 | 50 | 110 | 110 | 160 |
| 505 | NA-0317 | | Cove | | | 1 | 11 | 12 | 0 | 50 | 110 | 110 | 160 |
| 508 | NA-0317 | | Cove | | | 1 | 11 | 12 | 0 | 50 | 110 | 110 | 160 |
| 509 | NA-0317 | | Cove | | | 1 | 11 | 12 | 0 | 50 | 110 | 110 | 160 |
| 105 | NA-0319 | | Cove | | | 1 | 11 | 12 | 0 | 50 | 110 | 110 | 160 |
| 238 | NA-0226 | Harvey Blackwater Claim (South) | Kayenta | | | 1 | 11 | 12 | 0 | 50 | 110 | 110 | 160 |
| 318 | NMMK0097 | Mac No. 1 | Mariano Lake | | | 2 | 6 | 8 | 0 | 100 | 60 | 60 | 160 |
| 24 | NA-0408 | | Red Valley | | | 0 | 16 | 16 | 0 | 0 | 160 | 160 | 160 |
| 218 | NA-0506 | | Sweetwater | | | 0 | 16 | 16 | 0 | 0 | 160 | 160 | 160 |
| 219 | NA-0518 | | Sweetwater | | | 0 | 16 | 16 | 0 | 0 | 160 | 160 | 160 |
| 341 | NMMK0079 | Haystack | Baca/Prewitt | | | 1 | 10 | 11 | 0 | 50 | 100 | 100 | 150 |
| 510 | NA-0301 | Frank No. 1 Mines | Cove | | | 1 | 10 | 11 | 0 | 50 | 100 | 100 | 150 |
| 191 | NA-0507 | Toh Atin Mesa Mine | Red Mesa | | | 0 | 15 | 15 | 0 | 0 | 150 | 150 | 150 |
| 432 | Oak221 | Rocky Spring Mine | Red Valley | | | 1 | 0 | 5 | 6 | 100 | 0 | 50 | 150 |
| 270 | NA-0418 | | Beclabito | | | 0 | 14 | 14 | 0 | 0 | 140 | 140 | 140 |
| 281 | NA-0419 | | Beclabito | | | 1 | 9 | 10 | 0 | 50 | 90 | 90 | 140 |
| 279 | NA-0422 | | Beclabito | | | 1 | 0 | 4 | 5 | 100 | 0 | 40 | 140 |
| 400 | Blk001 | | Chilchinbeto | | | 1 | 9 | 10 | 0 | 50 | 90 | 90 | 140 |
| 401 | Blk001a | | Chilchinbeto | | | 1 | 9 | 10 | 0 | 50 | 90 | 90 | 140 |
| 402 | Blk002 | | Chilchinbeto | | | 1 | 9 | 10 | 0 | 50 | 90 | 90 | 140 |
| 75 | NA-0705 | | Chilchinbeto | | | 1 | 9 | 10 | 0 | 50 | 90 | 90 | 140 |
| 76 | NA-0710 | | Chilchinbeto | | | 1 | 9 | 10 | 0 | 50 | 90 | 90 | 140 |
| 312 | NMMK0083 | Hogback | Church Rock | | | 0 | 14 | 14 | 0 | 0 | 140 | 140 | 140 |
| 376 | Cam042 | | Coalmine Canyon | | | 2 | 4 | 6 | 0 | 100 | 40 | 40 | 140 |
| 94 | NA-0310A | | Cove | | | 1 | 9 | 10 | 0 | 50 | 90 | 90 | 140 |
| 305 | NMMK0112 | NE Church Rock No. 1 | Coyote Canyon | | | 1 | 9 | 10 | 0 | 50 | 90 | 90 | 140 |
| 241 | NA-0224 | | Kayenta | | | 0 | 14 | 14 | 0 | 0 | 140 | 140 | 140 |
| 317 | NMMK0102 | Mariano Lake | Mariano Lake | | | 1 | 9 | 10 | 0 | 50 | 90 | 90 | 140 |
| 31 | NA-0825 | Upper Red Wash Mine | Red Valley | | | 0 | 14 | 14 | 0 | 0 | 140 | 140 | 140 |
| 32 | NA-0825 | Upper Red Wash Mine | Red Valley | | | 0 | 14 | 14 | 0 | 0 | 140 | 140 | 140 |
| 320 | NMMK0098 | Mac No. 2 | Smith Lake | | | 1 | 9 | 10 | 0 | 50 | 90 | 90 | 140 |
| 217 | NA-0506 | | Sweetwater | | | 0 | 14 | 14 | 0 | 0 | 140 | 140 | 140 |
| 342 | NMMK0080 | Haystack | Baca/Prewitt | | | 1 | 8 | 9 | 0 | 50 | 80 | 80 | 130 |
| 339 | NMMK0096 | Lost Mine | Baca/Prewitt | | | 0 | 13 | 13 | 0 | 0 | 130 | 130 | 130 |
| 442 | Bec054 | | Beclabito | | | 0 | 13 | 13 | 0 | 0 | 130 | 130 | 130 |
| 268 | NA-0415 | | Beclabito | | | 0 | 13 | 13 | 0 | 0 | 130 | 130 | 130 |

TABLE 3. Ground Water Pathway Score Table for AUMs on and Within 1 Mile of the Navajo Nation

| Mine_ID | Source_ID | Mine_Name | Chapter1 | Chapter2 | Wells on Mine Count | 1/4 Mile Wells Count | 1 Mile Wells Count | 4 Mile Wells Count | Total Wells | 1/4 Mile Score | 1 Mile Score | 4 Mile Score | Total Ground Water Score |
|---------|-----------------------|---------------------------|-------------------|-------------------|------------------------|-------------------------|-----------------------|-----------------------|-------------|-------------------|-----------------|-----------------|-----------------------------------|
| 267 | NA-0416 | | Beclabito | | | 0 | 13 | 13 | 0 | 0 | 130 | 130 | |
| 271 | NA-0417 | | Beclabito | | | 0 | 13 | 13 | 0 | 0 | 130 | 130 | |
| 272 | NA-0418 | | Beclabito | | | 0 | 13 | 13 | 0 | 0 | 130 | 130 | |
| 170 | NA-0164 | Taylor Reid No. 2 | Cameron | | | 2 | 3 | 5 | 0 | 100 | 30 | 130 | |
| 73 | NA-0711 | | Chilchinbeto | | | 0 | 13 | 13 | 0 | 0 | 130 | 130 | |
| 314 | NMMK0047 | Diamond No. 2 | Church Rock | | | 0 | 13 | 13 | 0 | 0 | 130 | 130 | |
| 426 | Cov098 | | Cove | | | 0 | 13 | 13 | 0 | 0 | 130 | 130 | |
| 415 | Cov230 | | Cove | | | 1 | 8 | 9 | 0 | 50 | 80 | 130 | |
| 106 | NA-0316 | Frank No. 1 Mines | Cove | | | 1 | 8 | 9 | 0 | 50 | 80 | 130 | |
| 107 | NA-0316 | | Cove | | | 1 | 8 | 9 | 0 | 50 | 80 | 130 | |
| 104 | NA-0320 | | Cove | | | 0 | 13 | 13 | 0 | 0 | 130 | 130 | |
| 311 | NMMK0341 | Westwater | Iyanbito | | | 0 | 13 | 13 | 0 | 0 | 130 | 130 | |
| 301 | NMMK0102 | Mariano Lake | Mariano Lake | | | 1 | 8 | 9 | 0 | 50 | 80 | 130 | |
| 294 | W027031 | PETE 6 & 7 | Aneth | Off Navajo Nation | | 0 | 12 | 12 | 0 | 0 | 120 | 120 | |
| 346 | NMMK0168 | Section 5 | Baca/Prewitt | | | 1 | 7 | 8 | 0 | 50 | 70 | 120 | |
| 420 | Cov068 | | Cove | | | 0 | 12 | 12 | 0 | 0 | 120 | 120 | |
| 421 | Cov099 | Frank Jr. Mine | Cove | | | 0 | 12 | 12 | 0 | 0 | 120 | 120 | |
| 103 | NA-0302 | Mesa V Mine | Cove | | | 0 | 12 | 12 | 0 | 0 | 120 | 120 | |
| 101 | NA-0314 | | Cove | | | 1 | 7 | 8 | 0 | 50 | 70 | 120 | |
| 100 | NA-0315 | | Cove | | | 0 | 12 | 12 | 0 | 0 | 120 | 120 | |
| 99 | NA-0318 | | Cove | | | 0 | 12 | 12 | 0 | 0 | 120 | 120 | |
| 102 | NA-0318 | | Cove | | | 0 | 12 | 12 | 0 | 0 | 120 | 120 | |
| 469 | NA-0319 | | Cove | | | 0 | 12 | 12 | 0 | 0 | 120 | 120 | |
| 287 | NA-0324 | | Cove | | | 0 | 12 | 12 | 0 | 0 | 120 | 120 | |
| 237 | NA-0213 | | Dennehotso | | | 1 | 7 | 8 | 0 | 50 | 70 | 120 | |
| | NMMK0113, NMMK0116 | NE Church Rock No. 1-East | Nahodishgish | | | 1 | 7 | 8 | 0 | 50 | 70 | 120 | |
| 360 | NMMK0019 | Bobcat | Off Navajo Nation | | | 1 | 7 | 8 | 0 | 50 | 70 | 120 | |
| 513 | NA-0222 | | Ojato | | | 0 | 12 | 12 | 0 | 0 | 120 | 120 | |
| 448 | Swt048 | | Red Mesa | | | 0 | 12 | 12 | 0 | 0 | 120 | 120 | |
| 494 | Cov110 | East Mesa Mines | Red Valley | | | 1 | 7 | 8 | 0 | 50 | 70 | 120 | |
| 493 | NA-0339 | East Mesa Mines | Red Valley | | | 1 | 7 | 8 | 0 | 50 | 70 | 120 | |
| 435 | Swt036 | | Sweetwater | | | 0 | 12 | 12 | 0 | 0 | 120 | 120 | |
| 338 | NMMK0096 | Lost Mine | Baca/Prewitt | | | 0 | 11 | 11 | 0 | 0 | 110 | 110 | |
| 444 | Bec064 | | Beclabito | | | 0 | 11 | 11 | 0 | 0 | 110 | 110 | |
| 445 | Bec068 | | Beclabito | | | 0 | 11 | 11 | 0 | 0 | 110 | 110 | |
| 46 | NA-0403 | | Beclabito | | | 0 | 11 | 11 | 0 | 0 | 110 | 110 | |
| 48 | NA-0404 | | Beclabito | | | 0 | 11 | 11 | 0 | 0 | 110 | 110 | |
| 165 | NA-0114AAA | | Bodaway/Gap | | | 0 | 11 | 11 | 0 | 0 | 110 | 110 | |
| 163 | NA-0114AAB | | Bodaway/Gap | | | 0 | 11 | 11 | 0 | 0 | 110 | 110 | |
| 164 | NA-0114AAC | | Bodaway/Gap | | | 0 | 11 | 11 | 0 | 0 | 110 | 110 | |
| 166 | NA-0116 | | Bodaway/Gap | | | 0 | 11 | 11 | 0 | 0 | 110 | 110 | |
| 453 | 67a | Section 1 Lease | Cameron | Off Navajo Nation | | 1 | 6 | 7 | 0 | 50 | 60 | 110 | |
| 140 | NA-0149A | Charles Huskon No. 3 | Cameron | | | 0 | 11 | 11 | 0 | 0 | 110 | 110 | |
| 137 | NA-0149d | Charles Huskon No. 3 | Cameron | | | 1 | 6 | 7 | 0 | 50 | 60 | 110 | |
| 110 | NA-0551 | Foutz No. 2 | Church Rock | | | 0 | 11 | 11 | 0 | 0 | 110 | 110 | |

TABLE 3. Ground Water Pathway Score Table for AUMs on and Within 1 Mile of the Navajo Nation

| Mine_ID | Source_ID | Mine_Name | Chapter1 | Chapter2 | Wells on Mine Count | 1/4 Mile Wells Count | 1 Mile Wells Count | 4 Mile Wells Count | Total Wells | 1/4 Mile Score | 1 Mile Score | 4 Mile Score | Total Ground Water Score |
|---------|------------------------|-----------------------|-------------------|---------------|---------------------|----------------------|--------------------|--------------------|-------------|----------------|--------------|--------------|--------------------------|
| 373 | Cam018 | | Coalmine Canyon | | | 0 | 11 | 11 | 0 | 0 | 110 | 110 | |
| 159 | NA-0194 | Julius Chee No. 3 | Coalmine Canyon | | | 1 | 6 | 7 | 0 | 50 | 60 | 110 | |
| 93 | NA-0300, NA-0310B-D | | Cove | | | 0 | 11 | 11 | 0 | 0 | 110 | 110 | |
| 454 | 67b | Section 1 Lease | Off Navajo Nation | | | 1 | 6 | 7 | 0 | 50 | 60 | 110 | |
| 394 | Mon006 | Joe Rock Mine | Oljato | | | 0 | 11 | 11 | 0 | 0 | 110 | 110 | |
| 514 | Mon011 | Naschoy Mine | Oljato | | | 0 | 11 | 11 | 0 | 0 | 110 | 110 | |
| 283 | NA-0930 | | Teeec Nos Pos | | | 0 | 11 | 11 | 0 | 0 | 110 | 110 | |
| 348 | NMMK0041 | Dakota | Baca/Prewitt | | | 0 | 10 | 10 | 0 | 0 | 100 | 100 | |
| 351 | NMMK0090 | Junior | Baca/Prewitt | | | 0 | 10 | 10 | 0 | 0 | 100 | 100 | |
| 349 | NMMK0123 | Pat | Baca/Prewitt | | | 0 | 10 | 10 | 0 | 0 | 100 | 100 | |
| 350 | NMMK0123 | Pat | Baca/Prewitt | | | 0 | 10 | 10 | 0 | 0 | 100 | 100 | |
| 352 | NMMK0164 | Section 4 | Baca/Prewitt | | | 0 | 10 | 10 | 0 | 0 | 100 | 100 | |
| 443 | Bec060 | | Beclabito | | | 0 | 10 | 10 | 0 | 0 | 100 | 100 | |
| 447 | Bec070 | | Beclabito | | | 0 | 10 | 10 | 0 | 0 | 100 | 100 | |
| 49 | NA-0401 | Copper Mine | Beclabito | | | 0 | 10 | 10 | 0 | 0 | 100 | 100 | |
| 29 | NA-0412 | Upper Red Canyon Mine | Beclabito | | | 0 | 10 | 10 | 0 | 0 | 100 | 100 | |
| 87 | NA0709A | | Black Mesa | | | 1 | 5 | 6 | 0 | 50 | 50 | 100 | |
| 88 | NA0709C | | Black Mesa | | | 1 | 5 | 6 | 0 | 50 | 50 | 100 | |
| 233 | NA-0110A | Max Johnson No. 7 | Coalmine Canyon | | | 1 | 5 | 6 | 0 | 50 | 50 | 100 | |
| 156 | NA-0196B | RAMCO No. 24 | Coalmine Canyon | | | 1 | 5 | 6 | 0 | 50 | 50 | 100 | |
| 423 | Cov026 | | Cove | | | 1 | 5 | 6 | 0 | 50 | 50 | 100 | |
| 111 | NA-0552 | Section 3 | Iyanbito | | | 0 | 10 | 10 | 0 | 0 | 100 | 100 | |
| 490 | Bec002 | Toni Tuc No. 1 Mine | Red Valley | Beclabito | | 0 | 10 | 10 | 0 | 0 | 100 | 100 | |
| 489 | NA-0425 | Toni Tuc No. 1 Mine | Red Valley | Beclabito | | 0 | 10 | 10 | 0 | 0 | 100 | 100 | |
| 347 | NMMK0138 | Red Point | Baca/Prewitt | | | 0 | 9 | 9 | 0 | 0 | 90 | 90 | |
| 280 | NA-0421 | | Beclabito | | | 1 | 4 | 5 | 0 | 50 | 40 | 90 | |
| 162 | NA-0114DAA | | Bodaway/Gap | | | 0 | 9 | 9 | 0 | 0 | 90 | 90 | |
| 138 | NA-0149c | Charles Huskon No. 3 | Cameron | | | 0 | 9 | 9 | 0 | 0 | 90 | 90 | |
| 167 | NA-0158B | Charles Huskon No. 8 | Cameron | | | 1 | 4 | 5 | 0 | 50 | 40 | 90 | |
| 169 | NA-0159 | Boyd Tisi No. 1 | Cameron | | | 1 | 4 | 5 | 0 | 50 | 40 | 90 | |
| 209 | NA-0550 | Foutz 3 | Church Rock | Iyanbito | | 0 | 9 | 9 | 0 | 0 | 90 | 90 | |
| 361 | NMMK0018 | Blue Peak | Off Navajo Nation | | | 0 | 9 | 9 | 0 | 0 | 90 | 90 | |
| 252 | NA-0201 | Boot Jack Mine | Oljato | | | 0 | 9 | 9 | 0 | 0 | 90 | 90 | |
| 40 | NA-0338 | West Mesa Mine | Round Rock | Red Valley | | 0 | 9 | 9 | 0 | 0 | 90 | 90 | |
| 340 | NMMK0258 | Silver Spur | Baca/Prewitt | | | 0 | 8 | 8 | 0 | 0 | 80 | 80 | |
| 446 | Bec090 | | Beclabito | | | 1 | 3 | 4 | 0 | 50 | 30 | 80 | |
| 278 | NA-0423 | | Beclabito | Teeec Nos Pos | | 1 | 3 | 4 | 0 | 50 | 30 | 80 | |
| 78 | NA-0701 | | Black Mesa | | | 1 | 3 | 4 | 0 | 50 | 30 | 80 | |
| 79 | NA-0701 | | Black Mesa | | | 1 | 3 | 4 | 0 | 50 | 30 | 80 | |
| 86 | NA0709B | | Black Mesa | | | 1 | 3 | 4 | 0 | 50 | 30 | 80 | |
| 139 | NA-0149b | Charles Huskon No. 3 | Cameron | | | 0 | 8 | 8 | 0 | 0 | 80 | 80 | |
| 374 | Cam012 | | Coalmine Canyon | | | 1 | 3 | 4 | 0 | 50 | 30 | 80 | |
| 121 | NA-0113 | Jeepster No. 1 | Coalmine Canyon | | | 1 | 3 | 4 | 0 | 50 | 30 | 80 | |
| 417 | Cov053 | | Cove | | | 0 | 8 | 8 | 0 | 0 | 80 | 80 | |
| 248 | NA-0233 | Alma-Seggin Mine | Oljato | | | 0 | 8 | 8 | 0 | 0 | 80 | 80 | |

TABLE 3. Ground Water Pathway Score Table for AUMs on and Within 1 Mile of the Navajo Nation

| Mine_ID | Source_ID | Mine_Name | Chapter1 | Chapter2 | Wells on Mine Count | 1/4 Mile Wells Count | 1 Mile Wells Count | 4 Mile Wells Count | Total Wells | 1/4 Mile Score | 1 Mile Score | 4 Mile Score | Total Ground Water Score |
|---------|--|-----------------------|--------------------|----------|---------------------|----------------------|--------------------|--------------------|-------------|----------------|--------------|--------------|--------------------------|
| 81 | NA-0702 | | Tselani/Cottonwood | | | 1 | 3 | 4 | 0 | 50 | 30 | 80 | |
| 452 | 7 | A & B No. 13 | Bodaway/Gap | | | 1 | 2 | 3 | 0 | 50 | 20 | 70 | |
| 383 | Cam052 | | Cameron | | | 0 | 7 | 7 | 0 | 0 | 70 | 70 | |
| 143 | NA-0153 | Yazzie No. 102 | Cameron | | | 0 | 7 | 7 | 0 | 0 | 70 | 70 | |
| 142 | NA-0154 | Yazzie No. 102 | Cameron | | | 0 | 7 | 7 | 0 | 0 | 70 | 70 | |
| 308 | NMMK0124 | Section 13 | Church Rock | | | 0 | 7 | 7 | 0 | 0 | 70 | 70 | |
| 155 | NA-0196A | RAMCO No. 24 | Coalmine Canyon | | | 0 | 7 | 7 | 0 | 0 | 70 | 70 | |
| 425 | Cov000 | | Cove | | | 0 | 7 | 7 | 0 | 0 | 70 | 70 | |
| 418 | Cov033 | | Cove | | | 0 | 7 | 7 | 0 | 0 | 70 | 70 | |
| 424 | Cov052 | | Cove | | | 0 | 7 | 7 | 0 | 0 | 70 | 70 | |
| 416 | Cov054 | | Cove | | | 0 | 7 | 7 | 0 | 0 | 70 | 70 | |
| 96 | NA-0312 | | Cove | | | 0 | 7 | 7 | 0 | 0 | 70 | 70 | |
| 97 | NA-0312 | | Cove | | | 0 | 7 | 7 | 0 | 0 | 70 | 70 | |
| 98 | NA-0313 | | Cove | | | 0 | 7 | 7 | 0 | 0 | 70 | 70 | |
| 286 | NA-0321 | | Cove | | | 0 | 7 | 7 | 0 | 0 | 70 | 70 | |
| 285 | NA-0323 | | Cove | | | 0 | 7 | 7 | 0 | 0 | 70 | 70 | |
| 262 | NA-0205 | Tract 11E | Oljato | | | 0 | 7 | 7 | 0 | 0 | 70 | 70 | |
| 511 | NA-0329 | | Round Rock | | | 0 | 7 | 7 | 0 | 0 | 70 | 70 | |
| | NMMK0064, | | | | | | | | | | | | |
| 450 | NMMK0259 | Febco | Baca/Prewitt | | | 0 | 6 | 6 | 0 | 0 | 60 | 60 | |
| 474 | NMMK0152 | Section 1 | Baca/Prewitt | | | 0 | 6 | 6 | 0 | 0 | 60 | 60 | |
| 141 | NA-0155A | Charles Huskon No. 10 | Cameron | | | 0 | 6 | 6 | 0 | 0 | 60 | 60 | |
| 232 | NA-0155B | Charles Huskon No. 10 | Cameron | | | 0 | 6 | 6 | 0 | 0 | 60 | 60 | |
| 309 | NMMK0209 | Section 23 | Church Rock | | | 0 | 6 | 6 | 0 | 0 | 60 | 60 | |
| 379 | Cam042 | | Coalmine Canyon | | | 0 | 6 | 6 | 0 | 0 | 60 | 60 | |
| 234 | NA-0110B | Amos Chee No. 8 | Coalmine Canyon | | | 0 | 6 | 6 | 0 | 0 | 60 | 60 | |
| 231 | NA-0121 | Evans Huskon No. 34 | Coalmine Canyon | | | 0 | 6 | 6 | 0 | 0 | 60 | 60 | |
| 122 | NA-0148 | Jack Huskon No. 3 | Coalmine Canyon | Cameron | | 0 | 6 | 6 | 0 | 0 | 60 | 60 | |
| 158 | NA-0195 | Julius Chee No. 2 | Coalmine Canyon | | | 0 | 6 | 6 | 0 | 0 | 60 | 60 | |
| | Charles Huskon No. 4 & Paul Huskie No. 3 | | Coalmine Canyon | | | 0 | 6 | 6 | 0 | 0 | 60 | 60 | |
| 157 | NA-0197 | Charles Huskon No. 18 | Coalmine Canyon | | | 0 | 6 | 6 | 0 | 0 | 60 | 60 | |
| 154 | NA-0198 | Emmet Lee No. 3 | Coalmine Canyon | | | 0 | 6 | 6 | 0 | 0 | 60 | 60 | |
| 419 | Cov027 | | Cove | | | 0 | 6 | 6 | 0 | 0 | 60 | 60 | |
| 95 | NA-0311 | | Cove | | | 0 | 6 | 6 | 0 | 0 | 60 | 60 | |
| 288 | NA-0322 | | Cove | | | 0 | 6 | 6 | 0 | 0 | 60 | 60 | |
| 395 | Mon0076a | | Oljato | | | 0 | 6 | 6 | 0 | 0 | 60 | 60 | |
| 428 | Cov216 | Knife Edge Mesa Mine | Round Rock | | | 0 | 6 | 6 | 0 | 0 | 60 | 60 | |
| 512 | NA-0329 | | Round Rock | | | 0 | 6 | 6 | 0 | 0 | 60 | 60 | |
| 204 | NA-0330 | | Round Rock | | | 0 | 6 | 6 | 0 | 0 | 60 | 60 | |
| 203 | NA-0331 | | Round Rock | | | 0 | 6 | 6 | 0 | 0 | 60 | 60 | |
| 207 | NA-0343 | | Round Rock | | | 0 | 6 | 6 | 0 | 0 | 60 | 60 | |
| 406 | Blk029 | | Black Mesa | | | 0 | 5 | 5 | 0 | 0 | 50 | 50 | |
| 168 | NA-0158A | Charles Huskon No. 8 | Cameron | | | 0 | 5 | 5 | 0 | 0 | 50 | 50 | |
| 422 | Cov030 | | Cove | | | 0 | 5 | 5 | 0 | 0 | 50 | 50 | |
| 227 | NA-0236 | Tract 7 | Oljato | | | 0 | 5 | 5 | 0 | 0 | 50 | 50 | |

TABLE 3. Ground Water Pathway Score Table for AUMs on and Within 1 Mile of the Navajo Nation

| Mine_ID | Source_ID | Mine_Name | Chapter1 | Chapter2 | Wells on Mine Count | 1/4 Mile Wells Count | 1 Mile Wells Count | 4 Mile Wells Count | Total Wells | 1/4 Mile Score | 1 Mile Score | 4 Mile Score | Total Ground Water Score |
|---------|------------------------------|---------------------------------|--------------------|-----------------|---------------------|----------------------|--------------------|--------------------|-------------|----------------|--------------|--------------|--------------------------|
| 220 | NA-0508B | | Red Mesa | | | 0 | 5 | 5 | 0 | 0 | 50 | 50 | |
| 429 | Cov226 | Cisco Mine | Round Rock | | | 0 | 5 | 5 | 0 | 0 | 50 | 50 | |
| 467 | NA-0326 | Joleo Mine | Round Rock | | | 0 | 5 | 5 | 0 | 0 | 50 | 50 | |
| 205 | NA-0327 | | Round Rock | | | 0 | 5 | 5 | 0 | 0 | 50 | 50 | |
| 206 | NA-0328 | | Round Rock | | | 0 | 5 | 5 | 0 | 0 | 50 | 50 | |
| 451 | 8 | A & B No. 7 | Bodaway/Gap | | | 0 | 4 | 4 | 0 | 0 | 40 | 40 | |
| 385 | Cam056 | | Cameron | | | 0 | 4 | 4 | 0 | 0 | 40 | 40 | |
| 296 | Occurrence B | Occurrence B | Chinle | | | 0 | 4 | 4 | 0 | 0 | 40 | 40 | |
| 92 | NA-0104 | Charles Huskon No. 6 | Coalmine Canyon | | | 0 | 4 | 4 | 0 | 0 | 40 | 40 | |
| | | Harvey Blackwater Claim (North) | Kayenta | | | 0 | 4 | 4 | 0 | 0 | 40 | 40 | |
| 239 | NA-0226 | | Olijato | | | 0 | 4 | 4 | 0 | 0 | 40 | 40 | |
| 396 | Mon065 | | Olijato | | | 0 | 4 | 4 | 0 | 0 | 40 | 40 | |
| 263 | NA-0203 | Tract 11 | Olijato | | | 0 | 4 | 4 | 0 | 0 | 40 | 40 | |
| 249 | NA-0209 | Black Rock Mine | Olijato | | | 0 | 4 | 4 | 0 | 0 | 40 | 40 | |
| 250 | NA-0209 | Black Rock Mine | Olijato | | | 0 | 4 | 4 | 0 | 0 | 40 | 40 | |
| 190 | NA-0508A | | Red Mesa | | | 0 | 4 | 4 | 0 | 0 | 40 | 40 | |
| 208 | NA-0325 | Camp Mine | Round Rock | | | 0 | 4 | 4 | 0 | 0 | 40 | 40 | |
| 202 | NA-0332 | | Round Rock | | | 0 | 4 | 4 | 0 | 0 | 40 | 40 | |
| 201 | NA-0333 | | Round Rock | | | 0 | 4 | 4 | 0 | 0 | 40 | 40 | |
| 80 | NA-0706 | | Tachee/Blue Gap | | | 0 | 4 | 4 | 0 | 0 | 40 | 40 | |
| 405 | Blk019b | | Tselani/Cottonwood | | | 0 | 4 | 4 | 0 | 0 | 40 | 40 | |
| 403 | Blk020 | | Tselani/Cottonwood | | | 0 | 4 | 4 | 0 | 0 | 40 | 40 | |
| 82 | NA-0704 | | Tselani/Cottonwood | Tachee/Blue Gap | | 0 | 4 | 4 | 0 | 0 | 40 | 40 | |
| 83 | NA-0707 | | Tselani/Cottonwood | | | 0 | 4 | 4 | 0 | 0 | 40 | 40 | |
| 464 | 999 | ???Uranium Mine??? | | | | 0 | 4 | 4 | 0 | 0 | 40 | 40 | |
| 85 | NA-0703 | | Black Mesa | | | 0 | 3 | 3 | 0 | 0 | 30 | 30 | |
| 91 | NA-0101 | Jimmie Boone B | Bodaway/Gap | | | 0 | 3 | 3 | 0 | 0 | 30 | 30 | |
| 161 | NA-0114DAB | | Bodaway/Gap | | | 0 | 3 | 3 | 0 | 0 | 30 | 30 | |
| | Zhealy Tso, N. Part Parcel 1 | Zhealy Tso | Chinle | | | 0 | 3 | 3 | 0 | 0 | 30 | 30 | |
| 300 | Zhealy Tso, S. Part Parcel 1 | Zhealy Tso | Chinle | | | 0 | 3 | 3 | 0 | 0 | 30 | 30 | |
| 297 | Zhealy Tso, S. Part Parcel 1 | Zhealy Tso | Chinle | | | 0 | 3 | 3 | 0 | 0 | 30 | 30 | |
| 298 | Zhealy Tso, W. Part Parcel 1 | Zhealy Tso | Chinle | | | 0 | 3 | 3 | 0 | 0 | 30 | 30 | |
| 299 | Zhealy Tso, W. Part Parcel 1 | Zhealy Tso | Chinle | | | 0 | 3 | 3 | 0 | 0 | 30 | 30 | |
| 174 | NA-0109 | Jackpot No. 40 | Coalmine Canyon | | | 0 | 3 | 3 | 0 | 0 | 30 | 30 | |
| 153 | NA-0174 | RAMCO No. 20 | Coalmine Canyon | | | 0 | 3 | 3 | 0 | 0 | 30 | 30 | |
| 149 | NA-0179 | Yazzie No. 1 | Coalmine Canyon | | | 0 | 3 | 3 | 0 | 0 | 30 | 30 | |
| 148 | NA-0180 | Yazzie No. 2 | Coalmine Canyon | | | 0 | 3 | 3 | 0 | 0 | 30 | 30 | |
| 173 | NA-0184 | Charles Huskon No. 17 | Coalmine Canyon | | | 0 | 3 | 3 | 0 | 0 | 30 | 30 | |
| 147 | NA-0186 | Jackpot No. 1 | Coalmine Canyon | | | 0 | 3 | 3 | 0 | 0 | 30 | 30 | |

TABLE 3. Ground Water Pathway Score Table for AUMs on and Within 1 Mile of the Navajo Nation

| Mine_ID | Source_ID | Mine_Name | Chapter1 | Chapter2 | Wells on Mine Count | 1/4 Mile Wells Count | 1 Mile Wells Count | 4 Mile Wells Count | Total Wells | 1/4 Mile Score | 1 Mile Score | 4 Mile Score | Total Ground Water Score |
|---------|-----------|------------------------------------|-------------------|-------------------|---------------------|----------------------|--------------------|--------------------|-------------|----------------|--------------|--------------|--------------------------|
| 146 | NA-0187 | Jackpot No. 5 | Coalmine Canyon | | | 0 | 3 | 3 | 0 | 0 | 0 | 30 | 30 |
| 399 | Mon019 | Sally Mine | Kayenta | | | 0 | 3 | 3 | 0 | 0 | 0 | 30 | 30 |
| 458 | 71b | Section 9 Lease | Off Navajo Nation | | | 0 | 3 | 3 | 0 | 0 | 0 | 30 | 30 |
| 459 | 71c | Section 9 Lease | Off Navajo Nation | | | 0 | 3 | 3 | 0 | 0 | 0 | 30 | 30 |
| 463 | 88 | Black Point-Murphy Group | Off Navajo Nation | | | 0 | 3 | 3 | 0 | 0 | 0 | 30 | 30 |
| 222 | NA-0223 | | Ojato | | | 0 | 3 | 3 | 0 | 0 | 0 | 30 | 30 |
| 433 | San018 | | Red Valley | | | 0 | 3 | 3 | 0 | 0 | 0 | 30 | 30 |
| 427 | Cov198 | | Round Rock | | | 0 | 3 | 3 | 0 | 0 | 0 | 30 | 30 |
| 200 | NA-0334 | Jimmie King No. 9 Mine | Round Rock | | | 0 | 3 | 3 | 0 | 0 | 0 | 30 | 30 |
| 199 | NA-0335 | | Round Rock | | | 0 | 3 | 3 | 0 | 0 | 0 | 30 | 30 |
| 468 | NA-0336 | Hall Mine | Round Rock | | | 0 | 3 | 3 | 0 | 0 | 0 | 30 | 30 |
| 197 | NA-0337 | Mexican Cry Mine | Round Rock | | | 0 | 3 | 3 | 0 | 0 | 0 | 30 | 30 |
| 198 | NA-0337 | Mexican Cry Mine | Round Rock | | | 0 | 3 | 3 | 0 | 0 | 0 | 30 | 30 |
| 183 | NA-0102 | Paul Huskie No.21 | Bodaway/Gap | | | 0 | 2 | 2 | 0 | 0 | 0 | 20 | 20 |
| 177 | NA-0103A | Earl Huskon No. 3 | Bodaway/Gap | | | 0 | 2 | 2 | 0 | 0 | 0 | 20 | 20 |
| 178 | NA-0103B | Earl Huskon No. 1 | Bodaway/Gap | | | 0 | 2 | 2 | 0 | 0 | 0 | 20 | 20 |
| 118 | NA-0105a | Henry Sloan No. 1 | Bodaway/Gap | | | 0 | 2 | 2 | 0 | 0 | 0 | 20 | 20 |
| 117 | NA-0105b | Henry Sloan No. 1 | Bodaway/Gap | | | 0 | 2 | 2 | 0 | 0 | 0 | 20 | 20 |
| 171 | NA-0112 | | Bodaway/Gap | | | 0 | 2 | 2 | 0 | 0 | 0 | 20 | 20 |
| 172 | NA-0113 | | Bodaway/Gap | | | 0 | 2 | 2 | 0 | 0 | 0 | 20 | 20 |
| 144 | NA-0166 | Charles Huskon No. 11 | Cameron | Off Navajo Nation | | 0 | 2 | 2 | 0 | 0 | 0 | 20 | 20 |
| 378 | Cam062 | | Coalmine Canyon | | | 0 | 2 | 2 | 0 | 0 | 0 | 20 | 20 |
| 145 | NA-0163 | Ryan No. 1 | Coalmine Canyon | | | 0 | 2 | 2 | 0 | 0 | 0 | 20 | 20 |
| 90 | NA-0172a | RAMCO No. 21 | Coalmine Canyon | | | 0 | 2 | 2 | 0 | 0 | 0 | 20 | 20 |
| 150 | NA-0172B | RAMCO No. 21 | Coalmine Canyon | | | 0 | 2 | 2 | 0 | 0 | 0 | 20 | 20 |
| 152 | NA-0175 | Ryan No. 2 | Coalmine Canyon | | | 0 | 2 | 2 | 0 | 0 | 0 | 20 | 20 |
| 243 | NA-0235 | | Kayenta | | | 0 | 2 | 2 | 0 | 0 | 0 | 20 | 20 |
| 244 | NA-0235 | | Kayenta | | | 0 | 2 | 2 | 0 | 0 | 0 | 20 | 20 |
| 456 | Cam068b | | NA | | | 0 | 2 | 2 | 0 | 0 | 0 | 20 | 20 |
| 457 | 71a | Section 9 Lease | Off Navajo Nation | | | 0 | 2 | 2 | 0 | 0 | 0 | 20 | 20 |
| 44 | NA-0610 | | Sanostee | | | 0 | 2 | 2 | 0 | 0 | 0 | 20 | 20 |
| | | Cove Mesa Mines (AEC Lease Plot 7) | Sweetwater | | | 0 | 2 | 2 | 0 | 0 | 0 | 20 | 20 |
| 502 | Cov121 | Cove Mesa Mines (AEC Lease Plot 7) | Sweetwater | | | 0 | 2 | 2 | 0 | 0 | 0 | 20 | 20 |
| 500 | Cov122 | Cove Mesa Mines (AEC Lease Plot 7) | Sweetwater | | | 0 | 2 | 2 | 0 | 0 | 0 | 20 | 20 |
| 503 | Cov125 | Cove Mesa Mines (AEC Lease Plot 7) | Sweetwater | | | 0 | 2 | 2 | 0 | 0 | 0 | 20 | 20 |
| 434 | Cov178 | Cove Mesa Mines (AEC Lease Plot 7) | Sweetwater | Red Valley | | 0 | 2 | 2 | 0 | 0 | 0 | 20 | 20 |
| 497 | NA-0304 | Cove Mesa Mines (AEC Lease Plot 7) | Sweetwater | | | 0 | 2 | 2 | 0 | 0 | 0 | 20 | 20 |
| 498 | NA-0305 | Cove Mesa Mines (AEC Lease Plot 7) | Sweetwater | | | 0 | 2 | 2 | 0 | 0 | 0 | 20 | 20 |
| 39 | NA-0306 | Cove Mesa Mines (AEC Lease Plot 7) | Sweetwater | | | 0 | 2 | 2 | 0 | 0 | 0 | 20 | 20 |

TABLE 3. Ground Water Pathway Score Table for AUMs on and Within 1 Mile of the Navajo Nation

| Mine_ID | Source_ID | Mine_Name | Chapter1 | Chapter2 | Wells on Mine Count | 1/4 Mile Wells Count | 1 Mile Wells Count | 4 Mile Wells Count | Total Wells | 1/4 Mile Score | 1 Mile Score | 4 Mile Score | Total Ground Water Score |
|---------|-----------|------------------------------------|--------------------|------------|---------------------|----------------------|--------------------|--------------------|-------------|----------------|--------------|--------------|--------------------------|
| 499 | NA-0340 | Cove Mesa Mines (AEC Lease Plot 7) | Sweetwater | | | | 0 | 2 | 2 | 0 | 0 | 20 | 20 |
| 216 | NA-0504 | | Sweetwater | | | 0 | 2 | 2 | 0 | 0 | 0 | 20 | 20 |
| 184 | NA-0505A | | Sweetwater | | | 0 | 2 | 2 | 0 | 0 | 0 | 20 | 20 |
| 404 | Blk022 | | Tselani/Cottonwood | | | 0 | 2 | 2 | 0 | 0 | 0 | 20 | 20 |
| 84 | NA-0708 | | Tselani/Cottonwood | | | 0 | 2 | 2 | 0 | 0 | 0 | 20 | 20 |
| 377 | Cam057 | | Coalmine Canyon | | | 0 | 1 | 1 | 0 | 0 | 0 | 10 | 10 |
| 380 | Cam060 | | Coalmine Canyon | | | 0 | 1 | 1 | 0 | 0 | 0 | 10 | 10 |
| 381 | Cam061 | | Coalmine Canyon | | | 0 | 1 | 1 | 0 | 0 | 0 | 10 | 10 |
| 151 | NA-0173 | RAMCO No. 22 | Coalmine Canyon | | | 0 | 1 | 1 | 0 | 0 | 0 | 10 | 10 |
| 390 | Mon060 | | Ojato | | | 0 | 1 | 1 | 0 | 0 | 0 | 10 | 10 |
| 386 | Mon061 | Alfred Mills | Ojato | | | 0 | 1 | 1 | 0 | 0 | 0 | 10 | 10 |
| 387 | Mon062 | Tract 12 | Ojato | | | 0 | 1 | 1 | 0 | 0 | 0 | 10 | 10 |
| 397 | Mon063 | Tract 15 | Ojato | Shonto | | 0 | 1 | 1 | 0 | 0 | 0 | 10 | 10 |
| 388 | Mon064 | Horsetrail | Ojato | | | 0 | 1 | 1 | 0 | 0 | 0 | 10 | 10 |
| 221 | NA-0223 | | Ojato | | | 0 | 1 | 1 | 0 | 0 | 0 | 10 | 10 |
| 431 | Cov175 | Cove Mesa Mines (AEC Lease Plot 7) | Red Valley | | | 0 | 1 | 1 | 0 | 0 | 0 | 10 | 10 |
| 501 | Cov176 | Cove Mesa Mines (AEC Lease Plot 7) | Red Valley | | | 0 | 1 | 1 | 0 | 0 | 0 | 10 | 10 |
| 430 | Cov177 | Cove Mesa Mines (AEC Lease Plot 7) | Red Valley | | | 0 | 1 | 1 | 0 | 0 | 0 | 10 | 10 |
| 34 | NA-0308 | Cove Mesa Mines (Cato Sells) | Red Valley | | | 0 | 1 | 1 | 0 | 0 | 0 | 10 | 10 |
| 35 | NA-0341 | Cove Mesa Mines (Cato Sells) | Red Valley | | | 0 | 1 | 1 | 0 | 0 | 0 | 10 | 10 |
| 45 | NA-0601 | | Sanostee | | | 0 | 1 | 1 | 0 | 0 | 0 | 10 | 10 |
| 192 | NA-0603 | | Sanostee | | | 0 | 1 | 1 | 0 | 0 | 0 | 10 | 10 |
| 466 | NA-0604 | | Sanostee | | | 0 | 1 | 1 | 0 | 0 | 0 | 10 | 10 |
| 195 | NA-0608 | | Sanostee | | | 0 | 1 | 1 | 0 | 0 | 0 | 10 | 10 |
| 465 | NA-0611 | | Sanostee | | | 0 | 1 | 1 | 0 | 0 | 0 | 10 | 10 |
| 193 | NA-0612 | | Sanostee | | | 0 | 1 | 1 | 0 | 0 | 0 | 10 | 10 |
| 194 | NA-0613 | | Sanostee | | | 0 | 1 | 1 | 0 | 0 | 0 | 10 | 10 |
| 407 | San001 | | Sanostee | | | 0 | 1 | 1 | 0 | 0 | 0 | 10 | 10 |
| 411 | San002 | | Sanostee | | | 0 | 1 | 1 | 0 | 0 | 0 | 10 | 10 |
| 414 | San003 | | Sanostee | | | 0 | 1 | 1 | 0 | 0 | 0 | 10 | 10 |
| 413 | San006 | | Sanostee | | | 0 | 1 | 1 | 0 | 0 | 0 | 10 | 10 |
| 412 | San007 | Enos Johnson Mine | Sanostee | | | 0 | 1 | 1 | 0 | 0 | 0 | 10 | 10 |
| 410 | San008 | | Sanostee | | | 0 | 1 | 1 | 0 | 0 | 0 | 10 | 10 |
| 409 | San010 | | Sanostee | | | 0 | 1 | 1 | 0 | 0 | 0 | 10 | 10 |
| 408 | San017 | | Sanostee | | | 0 | 1 | 1 | 0 | 0 | 0 | 10 | 10 |
| 504 | NA-0303 | Cove Mesa Mines (AEC Lease Plot 7) | Sweetwater | Red Valley | | 0 | 1 | 1 | 0 | 0 | 0 | 10 | 10 |
| 496 | NA-0307 | Cove Mesa Mines (AEC Lease Plot 7) | Sweetwater | | | 0 | 1 | 1 | 0 | 0 | 0 | 10 | 10 |

TABLE 3. Ground Water Pathway Score Table for AUMs on and Within 1 Mile of the Navajo Nation

| Mine_ID | Source_ID | Mine_Name | Chapter1 | Chapter2 | Wells on Mine Count | 1/4 Mile Wells Count | 1 Mile Wells Count | 4 Mile Wells Count | Total Wells | 1/4 Mile Score | 1 Mile Score | 4 Mile Score | Total Ground Water Score |
|---------|-----------|------------------------------------|------------|----------|---------------------|----------------------|--------------------|--------------------|-------------|----------------|--------------|--------------|--------------------------|
| 36 | NA-0308 | Cove Mesa Mines (Cato Sells) | Sweetwater | | | 0 | 1 | 1 | 0 | 0 | 10 | 10 | |
| 37 | NA-0308 | Cove Mesa Mines (AEC Lease Plot 7) | Sweetwater | | | 0 | 1 | 1 | 0 | 0 | 10 | 10 | |
| 38 | NA-0308 | Cove Mesa Mines (AEC Lease Plot 7) | Sweetwater | | | 0 | 1 | 1 | 0 | 0 | 10 | 10 | |
| 495 | NA-0309 | Cove Mesa Mines (AEC Lease Plot 7) | Sweetwater | | | 0 | 1 | 1 | 0 | 0 | 10 | 10 | |
| 187 | NA-0500 | | Sweetwater | | | 0 | 1 | 1 | 0 | 0 | 10 | 10 | |
| 185 | NA-0505B | | Sweetwater | | | 0 | 1 | 1 | 0 | 0 | 10 | 10 | |
| 186 | NA-0505C | | Sweetwater | | | 0 | 1 | 1 | 0 | 0 | 10 | 10 | |
| 398 | Mon0076c | | Kayenta | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 264 | NA-0228 | Tract 14 | Oljato | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 196 | UTAML | Whirlwind Mine | Oljato | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 439 | Cov192 | | Red Valley | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 33 | NA-0342 | Tohe Thlany Begay Mine | Red Valley | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 273 | NA-0510 | | Sweetwater | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 274 | NA-0511 | | Sweetwater | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 275 | NA-0511 | | Sweetwater | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 210 | NA-0512 | | Sweetwater | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 211 | NA-0513 | | Sweetwater | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 213 | NA-0514 | Mildred Mine | Sweetwater | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 212 | NA-0515 | | Sweetwater | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 214 | NA-0516 | | Sweetwater | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 215 | NA-0516 | | Sweetwater | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 437 | Swt002 | | Sweetwater | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 438 | Swt003 | | Sweetwater | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 436 | Swt018 | | Sweetwater | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |

TABLE 4. Combined Pathways Score Table for AUMs on and Within 1 Mile of the Navajo Nation - By Combined Score

| Mine ID | UTM Easting, Zone 12, NAD83 | UTM Northing, Zone 12, NAD83 | Source_ID | Mine_Name | Chapter1 | Chapter2 | Total Air Score | Total Soil Score | Surface Water Score | Total Ground Water Score | Combined Score |
|---------|-----------------------------|------------------------------|------------------------------|-------------------------------|-------------------|--------------|-----------------|------------------|---------------------|--------------------------|----------------|
| 276 | 676869.3608 | 4078265.148 | NA-0420 | | Beclabito | | 4470 | 4470 | 160 | 210 | 9310 |
| 470 | 787902.3609 | 3921507.029 | NMMK0349 | Ambrosia Lake Mill | Off Navajo Nation | | 3200 | 3200 | 160 | 700 | 7260 |
| 472 | 659600.7928 | 4047695.472 | Cove Transfer Station | Cove Transfer Station | Cove | | 2570 | 2570 | 160 | 340 | 5640 |
| 228 | 461705.0368 | 3970341.754 | NA-0106 | A & B No. 3 | Cameron | | 2390 | 2390 | 160 | 550 | 5490 |
| 471 | 726323.6232 | 3948006.072 | NMMK0125 | Church Rock Mill | Pinedale | | 2450 | 2450 | 160 | 200 | 5260 |
| 277 | 676991.5014 | 4079038.105 | NA-0424 | | Beclabito | | 2170 | 2170 | 160 | 310 | 4810 |
| 304 | 724990.2083 | 3948613.167 | NMMK0117, NMMK0315 | NE Church Rock | Pinedale | | 2080 | 2080 | 160 | 210 | 4530 |
| 296 | 640679.4097 | 4005195.423 | Occurrence B | Occurrence B | Chimle | | 1960 | 1960 | 160 | 40 | 4120 |
| | | | NMMK0014, NMMK0073, NMMK0200 | Billy the Kid | Baca/Prewitt | | 1730 | 1730 | 160 | 470 | 4090 |
| 225 | 561505.8835 | 4099729.66 | NA-0214 | Keith Mine - A | Ojato | | 1430 | 1430 | 160 | 500 | 3520 |
| 344 | 777590.3945 | 3915767.031 | NMMK0081 | Haystack | Baca/Prewitt | | 1310 | 1310 | 160 | 170 | 2950 |
| 223 | 569836.2211 | 4096789.794 | NA-0237 | Rock Door Mine | Ojato | | 1120 | 1120 | 160 | 370 | 2770 |
| 317 | 746672.0385 | 3937211.988 | NMMK0102 | Mariano Lake | Mariano Lake | | 1170 | 1170 | 160 | 140 | 2640 |
| 175 | 459751.4357 | 3966216.404 | NA-0108 | A & B No. 2 | Cameron | | 930 | 930 | 160 | 420 | 2440 |
| 305 | 726199.6288 | 3949719.848 | NMMK0112 | NE Church Rock No. 1 | Coyote Canyon | | 950 | 950 | 160 | 140 | 2200 |
| 72 | 654134.8089 | 4085123.106 | NA-0902, NA-0918 | | Teeec Nos Pos | | 890 | 890 | 160 | 240 | 2180 |
| 19 | 673994.8837 | 4068594.665 | NA-0808 | | Red Valley | | 800 | 800 | 160 | 410 | 2170 |
| 343 | 777886.451 | 3916315.588 | NMMK0195 | Section 18 | Baca/Prewitt | | 910 | 910 | 160 | 180 | 2160 |
| 119 | 461989.3307 | 3972490.353 | NA-0125 | Charles Huskon No. 12 | Coalmine Canyon | | 760 | 760 | 160 | 210 | 1890 |
| 310 | 716868.3209 | 3939189.204 | NMMK0028 | CD and S | Church Rock | | 750 | 750 | 160 | 190 | 1850 |
| 307 | 721283.829 | 3944667.567 | NMMK0034, NMMK0318, NMMK0319 | Church Rock | Church Rock | | 680 | 680 | 160 | 300 | 1820 |
| 160 | 463797.0206 | 3973569.092 | NA-0124a | Jack Daniels No. 1-5 | Coalmine Canyon | | 660 | 660 | 160 | 300 | 1780 |
| 292 | 653892.3854 | 4085334.23 | NA-0900 | | Teeec Nos Pos | | 710 | 710 | 160 | 190 | 1770 |
| 301 | 745811.3925 | 3937270.281 | NMMK0102 | Mariano Lake | Mariano Lake | | 730 | 730 | 160 | 130 | 1750 |
| 20 | 674127.7291 | 4068561.433 | NA-0800 | Oak Springs Mine (Gravel Cap) | Red Valley | | 590 | 590 | 160 | 410 | 1750 |
| 330 | 769756.7447 | 3924860.888 | NMMK0141 | Red Top | Baca/Prewitt | | 600 | 600 | 160 | 340 | 1700 |
| 328 | 768103.5275 | 3925379.282 | NMMK0140 | Red Top | Baca/Prewitt | | 570 | 570 | 160 | 390 | 1690 |
| 124 | 464642.4006 | 3970419.982 | NA-0129 | Charles Huskon No. 1 | Coalmine Canyon | | 600 | 600 | 160 | 320 | 1680 |
| 71 | 654681.8533 | 4084638.448 | NA-0902, NA-0917A & B | | Teeec Nos Pos | | 600 | 600 | 160 | 240 | 1600 |
| 318 | 747884.4911 | 3936725.269 | NMMK0097 | Mac No. 1 | Mariano Lake | | 610 | 610 | 160 | 160 | 1540 |
| 323 | 757544.3801 | 3932903.287 | NMMK0147, NMMK0260 | Ruby No. 3 | Smith Lake | | 490 | 490 | 160 | 400 | 1540 |
| 114 | 652036.9826 | 4082181.552 | NA-0922B | | Sweetwater | | 330 | 330 | 160 | 710 | 1530 |
| 110 | 720573.2493 | 3938633.663 | NA-0551 | Foutz No. 2 | Church Rock | | 620 | 620 | 160 | 110 | 1510 |
| 479 | 675278.4065 | 4065140.506 | NA-0822 | | Red Valley | | 460 | 460 | 160 | 410 | 1490 |
| 480 | 675339.4538 | 4064919.219 | NA-0821 | Stripped Area 3 of VCA Plot 3 | Red Valley | | 460 | 460 | 160 | 400 | 1480 |
| 478 | 675146.4742 | 4064898.133 | Oak156 | | Red Valley | | 460 | 460 | 160 | 400 | 1480 |
| 52 | 651957.625 | 4082230.944 | NA-0910 | | Sweetwater | | 300 | 300 | 160 | 710 | 1470 |
| 481 | 675305.8744 | 4064995.497 | NA-0806 | | Red Valley | | 450 | 450 | 160 | 400 | 1460 |
| 80 | 598259.9603 | 4011536.501 | NA-0706 | | Tachee/Blue Gap | | 630 | 630 | 160 | 40 | 1460 |
| 342 | 776953.5533 | 3916247.42 | NMMK0080 | Haystack | Baca/Prewitt | | 580 | 580 | 160 | 130 | 1450 |
| 345 | 776094.4428 | 3917172.421 | NMMK0077 | Haystack | Baca/Prewitt | | 560 | 560 | 160 | 160 | 1440 |
| 322 | 756706.7427 | 3937172.781 | NMMK0015 | Black Jack No. 1 | Smith Lake | | 390 | 390 | 160 | 490 | 1430 |
| 50 | 652559.2127 | 4082162.877 | NA-0914 | Sah Tah Mine | Sweetwater | Teec Nos Pos | 180 | 180 | 160 | 910 | 1430 |

TABLE 4. Combined Pathways Score Table for AUMs on and Within 1 Mile of the Navajo Nation - By Combined Score

| Mine ID | UTM Easting, Zone 12, NAD83 | UTM Northing, Zone 12, NAD83 | Source_ID | Mine_Name | Chapter1 | Chapter2 | Total Air Score | Total Soil Score | Surface Water Score | Total Ground Water Score | Combined Score | |
|---------|-----------------------------|------------------------------|------------------------------|---------------------------------|------------------------|-------------------|-----------------|------------------|---------------------|--------------------------|----------------|------|
| 188 | 639455.6744 | 4080271.743 | NA-0509B | | Sweetwater | | 380 | 380 | 160 | 470 | 1390 | |
| 224 | 564006.7351 | 4097094.92 | NA-0215 | Norcross Mine - A | Olijato | | 420 | 420 | 160 | 360 | 1360 | |
| 364 | 785498.9391 | 3914591.292 | NMMK0221, NMMK0207, NMMK0338 | Section 26 | Baca/Prewitt | Off Navajo Nation | 480 | 480 | 160 | 220 | 1340 | |
| 245 | 568823.6818 | 4089607.414 | NA-0210 | NMMK0145, NMMK0146, NMMK0148 | Monument #1 Annex Mine | Olijato | | 370 | 370 | 160 | 440 | 1340 |
| 321 | 751828.2705 | 3934200.194 | | Ruby No. 1 | Smith Lake | | 400 | 400 | 160 | 370 | 1330 | |
| 125 | 464693.8829 | 3970700.382 | NA-0127 | | Coalmine Canyon | | 440 | 440 | 160 | 280 | 1320 | |
| 51 | 652140.5679 | 4082648.961 | NA-0909 | | Sweetwater | Teeec Nos Pos | 250 | 250 | 160 | 660 | 1320 | |
| 108 | 652303.4711 | 4081848.392 | NA-0922C | | Sweetwater | | 220 | 220 | 160 | 720 | 1320 | |
| 42 | 675129.1157 | 4063374.979 | NA-0828 | Red Rock Mine | Red Valley | | 420 | 420 | 160 | 300 | 1300 | |
| 284 | 649691.2697 | 4092105.341 | NA-0931 | | Teeec Nos Pos | | 430 | 430 | 160 | 240 | 1260 | |
| 483 | 675587.8217 | 4065190.885 | NA-0815 | | Red Valley | | 360 | 360 | 160 | 370 | 1250 | |
| 315 | 750541.5846 | 3956065.934 | NMMK0038 | Crownpoint | Nahodishgish | | 350 | 350 | 160 | 380 | 1240 | |
| 57 | 652072.7921 | 4083431.44 | NA-0915 | | Sweetwater | Teeec Nos Pos | 280 | 280 | 160 | 520 | 1240 | |
| 128 | 464819.668 | 3970159.567 | NA-0130 | Max Johnson No. 10 | Coalmine Canyon | | 370 | 370 | 160 | 320 | 1220 | |
| 492 | 654168.6186 | 4084656.471 | Tse079 | | Teeec Nos Pos | | 410 | 410 | 160 | 240 | 1220 | |
| 316 | 751887.8934 | 3954316.678 | NMMK0040 | Crownpoint | Crownpoint | | 240 | 240 | 160 | 570 | 1210 | |
| 70 | 654405.8658 | 4084646.71 | NA-0918 | | Teeec Nos Pos | | 400 | 400 | 160 | 240 | 1200 | |
| 113 | 652348.9077 | 4082862.815 | NA-0922A | | Teeec Nos Pos | Sweetwater | 240 | 240 | 160 | 560 | 1200 | |
| 313 | 713088.9575 | 3931358.685 | NMMK0230 | Section 28 | Church Rock | | 420 | 420 | 160 | 180 | 1180 | |
| 482 | 675599.025 | 4065010.793 | Oak143 | | Red Valley | | 350 | 350 | 160 | 320 | 1180 | |
| 53 | 652666.6617 | 4082458.962 | NA-0921A | | Sweetwater | Teeec Nos Pos | 150 | 150 | 160 | 720 | 1180 | |
| 491 | 654150.481 | 4084517.257 | NA-0907 | | Teeec Nos Pos | | 390 | 390 | 160 | 240 | 1180 | |
| 181 | 567535.1659 | 4093815.787 | NA-0217 | Harvey Black Mine | Olijato | | 180 | 180 | 160 | 650 | 1170 | |
| 109 | 652288.3898 | 4082075.714 | NA-0922C | | Sweetwater | | 170 | 170 | 160 | 670 | 1170 | |
| 189 | 638077.8641 | 4080316.964 | NA-0509A | | Red Mesa | | 380 | 380 | 160 | 230 | 1150 | |
| 303 | 727324.7017 | 3949791.594 | NMMK0113, NMMK0116 | NE Church Rock No. 1-East | Nahodishgish | | 430 | 430 | 160 | 120 | 1140 | |
| 68 | 654980.4724 | 4083721.454 | NA-0911 | | Teeec Nos Pos | | 320 | 320 | 160 | 330 | 1130 | |
| 389 | 560251.9107 | 4097329.411 | Mon069 | | Olijato | | 250 | 250 | 160 | 450 | 1110 | |
| 54 | 652755.3276 | 4082730.256 | NA-0908 | | Sweetwater | Teeec Nos Pos | 90 | 90 | 160 | 760 | 1100 | |
| 65 | 652772.6789 | 4085408.211 | NA-0923 | | Teeec Nos Pos | | 320 | 320 | 160 | 300 | 1100 | |
| 43 | 675625.0988 | 4063364.064 | NA-0828 | | Red Valley | | 330 | 330 | 160 | 260 | 1080 | |
| 55 | 653148.8821 | 4082703.684 | NA-0912 | | Sweetwater | Teeec Nos Pos | 160 | 160 | 160 | 600 | 1080 | |
| 115 | 652681.6732 | 4082721.132 | NA-0921B | | Teeec Nos Pos | Sweetwater | 100 | 100 | 160 | 720 | 1080 | |
| 432 | 674222.2696 | 4044178.728 | Oak221 | Rocky Spring Mine | Red Valley | | 380 | 380 | 160 | 150 | 1070 | |
| 120 | 464069.7649 | 3973915.352 | NA-0123 | Charles Huskon No. 19 | Coalmine Canyon | | 340 | 340 | 160 | 220 | 1060 | |
| 126 | 464881.6981 | 3970683.057 | NA-0128A | Lemuel Littleman No. 2 | Coalmine Canyon | | 310 | 310 | 160 | 280 | 1060 | |
| 239 | 603266.9314 | 4095460.437 | NA-0226 | Harvey Blackwater Claim (North) | Kayenta | | 430 | 430 | 160 | 40 | 1060 | |
| 253 | 563426.7712 | 4090947.511 | NA-0200 | Moonlight Mine | Olijato | | 210 | 210 | 160 | 480 | 1060 | |
| 353 | 786015.9141 | 3923498.979 | NMMK0220 | Section 25 | Off Navajo Nation | | 300 | 300 | 160 | 290 | 1050 | |
| 56 | 652913.2301 | 4083029.472 | NA-0920 | | Sweetwater | | 160 | 160 | 160 | 560 | 1040 | |
| 78 | 599566.5415 | 4011707.456 | NA-0701 | | Black Mesa | | 390 | 390 | 160 | 80 | 1020 | |
| 79 | 599360.8545 | 4011491.272 | NA-0701 | | Black Mesa | | 390 | 390 | 160 | 80 | 1020 | |
| 341 | 776229.187 | 3916530.177 | NMMK0079 | Haystack | Baca/Prewitt | | 350 | 350 | 160 | 150 | 1010 | |

TABLE 4. Combined Pathways Score Table for AUMs on and Within 1 Mile of the Navajo Nation - By Combined Score

| Mine ID | UTM Easting, Zone 12, NAD83 | UTM Northing, Zone 12, NAD83 | Source_ID | Mine_Name | Chapter1 | Chapter2 | Total Air Score | Total Soil Score | Surface Water Score | Total Ground Water Score | Combined Score |
|---------|-----------------------------|------------------------------|------------------|---------------------------------|-------------------|------------|-----------------|------------------|---------------------|--------------------------|----------------|
| 247 | 568306.296 | 4089716.647 | NA-0210 | Mitten #2 - A | Ojato | | 230 | 230 | 160 | 380 | 1000 |
| 1 | 675186.7323 | 4062979.701 | NA-0828 | Red Wash Mine (Leroy Pettigrew) | Red Valley | | 290 | 290 | 160 | 260 | 1000 |
| 441 | 675539.3008 | 4063154.459 | Oak230 | | Red Valley | | 290 | 290 | 160 | 260 | 1000 |
| 319 | 748911.8247 | 3935551.021 | NMMK0016 | Black Jack No. 2 | Smith Lake | | 320 | 320 | 160 | 190 | 990 |
| 116 | 654020.9735 | 4084376.704 | NA-0919A | | Teeec Nos Pos | | 300 | 300 | 160 | 230 | 990 |
| 64 | 652865.7351 | 4086750.839 | NA-0929 | | Teeec Nos Pos | | 290 | 290 | 160 | 240 | 980 |
| 426 | 657441.3892 | 4046129.812 | Cov098 | | Cove | | 340 | 340 | 160 | 130 | 970 |
| 135 | 466680.0409 | 3968827.294 | NA-0138 | Boyd Tisi No. 2 | Coalmine Canyon | | 230 | 230 | 160 | 340 | 960 |
| 136 | 466847.6431 | 3968694.227 | NA-0139 | Juan Horse No. 3 | Coalmine Canyon | | 230 | 230 | 160 | 340 | 960 |
| 373 | 462600.1884 | 3975866.999 | Cam018 | | Coalmine Canyon | | 340 | 340 | 160 | 110 | 950 |
| 440 | 674714.7259 | 4067910.042 | Oak238 | | Red Valley | | 260 | 260 | 160 | 270 | 950 |
| 61 | 652061.603 | 4085737.181 | NA-0925, NA-0903 | | Teeec Nos Pos | | 220 | 220 | 160 | 350 | 950 |
| 484 | 675478.8317 | 4065254.228 | NA-0809 | | Red Valley | | 210 | 210 | 160 | 360 | 940 |
| 487 | 676209.1785 | 4064426.233 | NA-0811 | King Tutt Point Mines | Red Valley | | 260 | 260 | 160 | 260 | 940 |
| 254 | 568264.8558 | 4097457.39 | NA-0212 | Skyline Mine - East | Ojato | | 240 | 240 | 160 | 290 | 930 |
| 2 | 677767.5234 | 4064255.389 | NA-0817 | | Red Valley | | 270 | 270 | 160 | 230 | 930 |
| 69 | 653869.5846 | 4084074.69 | NA-0919B | | Teeec Nos Pos | | 270 | 270 | 160 | 230 | 930 |
| 306 | 723880.9995 | 3951004.653 | NMMK0114 | NE Church Rock No. 2 | Coyote Canyon | | 140 | 140 | 160 | 470 | 910 |
| 246 | 568453.5378 | 4089359.488 | NA-0210 | Monument #1 - A | Ojato | | 200 | 200 | 160 | 350 | 910 |
| 74 | 597746.9684 | 4035417.377 | NA-0712 | | Chilchinbeto | | 230 | 230 | 160 | 270 | 890 |
| 309 | 717144.0997 | 3943193.531 | NMMK0209 | Section 23 | Church Rock | | 330 | 330 | 160 | 60 | 880 |
| 127 | 465273.5706 | 3970853.199 | NA-0128B | Lemuel Littleman No. 2 | Coalmine Canyon | | 270 | 270 | 160 | 180 | 880 |
| 521 | 599410.9516 | 4087654.835 | NA-0204 | Willie Water Claim | Kayenta | | 100 | 100 | 160 | 510 | 870 |
| 18 | 674867.1696 | 4067877.435 | NA-0801 | | Red Valley | | 220 | 220 | 160 | 270 | 870 |
| 327 | 767340.4084 | 3924651.446 | NMMK0055 | Elkins | Baca/Prewitt | | 210 | 210 | 160 | 280 | 860 |
| 475 | 772693.8751 | 3917621.584 | NMMK0277 | Unknown | Baca/Prewitt | | 250 | 250 | 160 | 200 | 860 |
| 6 | 675280.1669 | 4065443.211 | NA-0804 | Lookout Point Incline Mine | Red Valley | | 190 | 190 | 160 | 320 | 860 |
| 209 | 722234.375 | 3938446.461 | NA-0550 | Foutz 3 | Church Rock | Iyanbito | 300 | 300 | 160 | 90 | 850 |
| 59 | 651458.1361 | 4085337.542 | NA-0904 | | Teeec Nos Pos | Sweetwater | 160 | 160 | 160 | 370 | 850 |
| 60 | 651864.0043 | 4085124.856 | NA-0916 | | Teeec Nos Pos | Sweetwater | 150 | 150 | 160 | 390 | 850 |
| 326 | 767262.6317 | 3924536.263 | NMMK0057 | Elkins | Baca/Prewitt | | 200 | 200 | 160 | 280 | 840 |
| 346 | 779591.667 | 3920032.303 | NMMK0168 | Section 5 | Baca/Prewitt | | 280 | 280 | 160 | 120 | 840 |
| 191 | 646817.7473 | 4085692.884 | NA-0507 | Toh Atin Mesa Mine | Red Mesa | | 260 | 260 | 160 | 150 | 830 |
| 63 | 650629.6521 | 4086059.69 | NA-0928 | | Teeec Nos Pos | Sweetwater | 200 | 200 | 160 | 270 | 830 |
| 21 | 673897.4229 | 4069409.616 | NA-0405 | | Red Valley | | 200 | 200 | 160 | 250 | 810 |
| 474 | 776890.8018 | 3919899.557 | NMMK0152 | Section 1 | Baca/Prewitt | | 290 | 290 | 160 | 60 | 800 |
| 354 | 785427.1533 | 3924926.478 | NMMK0214 | Section 24 | Off Navajo Nation | | 180 | 180 | 160 | 280 | 800 |
| 3 | 676948.3571 | 4064532.564 | NA-0816 | | Red Valley | | 210 | 210 | 160 | 220 | 800 |
| 435 | 654650.7829 | 4076856.314 | Swt036 | | Sweetwater | | 260 | 260 | 160 | 120 | 800 |
| 230 | 463550.6905 | 3974715.269 | NA-0124B | Kachina No. 6 | Coalmine Canyon | | 230 | 230 | 160 | 170 | 790 |
| 66 | 652481.1336 | 4085201.767 | NA-0905 | | Teeec Nos Pos | Sweetwater | 170 | 170 | 160 | 290 | 790 |
| 8 | 675230.7736 | 4065679.475 | NA-0814 | | Red Valley | | 150 | 150 | 160 | 320 | 780 |
| 308 | 718239.9986 | 3944063.166 | NMMK0124 | Section 13 | Church Rock | | 270 | 270 | 160 | 70 | 770 |

TABLE 4. Combined Pathways Score Table for AUMs on and Within 1 Mile of the Navajo Nation - By Combined Score

| Mine ID | UTM Easting, Zone 12, NAD83 | UTM Northing, Zone 12, NAD83 | Source_ID | Mine_Name | Chapter1 | Chapter2 | Total Air Score | Total Soil Score | Surface Water Score | Total Ground Water Score | Combined Score | |
|---------|-----------------------------|------------------------------|--------------------|-------------------------------------|---------------------|-------------------|-----------------|------------------|---------------------|--------------------------|----------------|-----|
| 67 | 652171.368 | 4084629.914 | NA-0924 | | Sweetwater | Teeec Nos Pos | 160 | 160 | 160 | 290 | 770 | |
| 89 | 556576.9135 | 3923611.488 | NA-0750 | | Teesto | | 150 | 150 | 160 | 310 | 770 | |
| 75 | 595315.698 | 4035770.671 | NA-0705 | | Chilchinbeto | | 230 | 230 | 160 | 140 | 760 | |
| 76 | 595488.4853 | 4035840.211 | NA-0710 | | Chilchinbeto | | 230 | 230 | 160 | 140 | 760 | |
| 302 | 770624.2892 | 3931522.852 | NMMK0247 | Section 32, 33 | Casamero Lake | Baca/Prewitt | 200 | 200 | 160 | 190 | 750 | |
| 41 | 675032.8553 | 4067706.504 | NA-0818 | | Red Valley | | 160 | 160 | 160 | 270 | 750 | |
| 450 | 777898.2697 | 3920913.649 | NMMK0064, NMMK0259 | Febco | Baca/Prewitt | | 260 | 260 | 160 | 60 | 740 | |
| 392 | 558236.802 | 4092396.983 | Mon030 | Tract 24 Mine - B | Ojato | | 150 | 150 | 160 | 280 | 740 | |
| 22 | 674137.1298 | 4069918.771 | NA-0406 | Leroy Mine | Red Valley | | 160 | 160 | 160 | 260 | 740 | |
| 7 | 675373.4834 | 4065438.986 | NA-0820 | Stripped Area 1 of VCA Plot 3 | Red Valley | | 130 | 130 | 160 | 320 | 740 | |
| 58 | 650983.3091 | 4084601.872 | NA-0926 | | Sweetwater | Teeec Nos Pos | 130 | 130 | 160 | 310 | 730 | |
| | | | | Begay No. 1 and Carrizo No. 1 Mines | Red Valley | | 170 | 170 | 160 | 220 | 720 | |
| 485 | 676520.0182 | 4064394.452 | NA-0812 | | | | | | | | | |
| 391 | 558379.3976 | 4091960.404 | Mon029 | Tract 24 Mine - A | Ojato | | 130 | 130 | 160 | 290 | 710 | |
| 519 | 562857.8252 | 4088016.9 | NA-0219 | Big Four Mine | Ojato | | 30 | 30 | 160 | 470 | 690 | |
| 62 | 651265.6725 | 4086030.183 | NA-0927 | | Teeec Nos Pos | | 150 | 150 | 160 | 230 | 690 | |
| | | | | Begay No. 1 and Carrizo No. 1 Mines | Red Valley | | 170 | 170 | 160 | 180 | 680 | |
| 488 | 676400.5222 | 4064528.668 | NA-0807 | | | | | | | | | |
| 486 | 676403.978 | 4064428.546 | Oak125 | | Red Valley | | 170 | 170 | 160 | 180 | 680 | |
| 112 | 653856.7475 | 4124927.613 | NA-0229 | Montezuma Creek Mine | Aneth | | 60 | 60 | 160 | 390 | 670 | |
| 520 | 562791.8159 | 4088112.957 | Mon007 | Big Four Mine | Ojato | | 20 | 20 | 160 | 470 | 670 | |
| 179 | 563337.2473 | 4089099.863 | NA-0220 | Sunlight Mine | Ojato | | 10 | 10 | 160 | 490 | 670 | |
| 220 | 638312.6167 | 4089250.339 | NA-0508B | | Red Mesa | | 230 | 230 | 160 | 50 | 670 | |
| 23 | 674810.1002 | 4069681.159 | NA-0407 | Lower Canyon Mine | Red Valley | | 130 | 130 | 160 | 250 | 670 | |
| 131 | 465924.1017 | 3970197.762 | NA-0134 | Alice Tolino No. 1 & 3 | Coalmine Canyon | | 120 | 120 | 160 | 260 | 660 | |
| 473 | 774999.3586 | 3920324.676 | NMMK0159 | Section 2 | Baca/Prewitt | | 160 | 160 | 160 | 170 | 650 | |
| | | | | Jack Daniels No. 1-5 | Coalmine Canyon | | 160 | 160 | 160 | 170 | 650 | |
| 229 | 464183.3964 | 3974232.103 | NA-0124C | | | | | | | | | |
| 356 | 783260.6931 | 3925493.727 | NMMK0206 | Section 22 | Baca/Prewitt | Off Navajo Nation | 100 | 100 | 160 | 280 | 640 | |
| 258 | 561139.3988 | 4095100.628 | NA-0208 | | Ojato | | 20 | 20 | 160 | 440 | 640 | |
| 248 | 566068.5476 | 4083311.172 | NA-0233 | Alma-Seggin Mine | Ojato | | 200 | 200 | 160 | 80 | 640 | |
| 260 | 558896.2776 | 4099760.648 | NA-0211 | Mitten 31 Mine | Ojato | | 60 | 60 | 160 | 350 | 630 | |
| 365 | 786464.69 | 3913840.445 | NMMK0218 | Section 25 SEQ | Off Navajo Nation | | 90 | 90 | 160 | 280 | 620 | |
| 449 | 637307.012 | 4080781.187 | Swt047 | | Red Mesa | | 140 | 140 | 160 | 180 | 620 | |
| 9 | 675410.14 | 4065555.894 | NA-0803 | Lookout Point Mines | Red Valley | | 90 | 90 | 160 | 280 | 620 | |
| 295 | 660625.7348 | 4116632.967 | MP206 | | MP206 | Teeec Nos Pos | | 70 | 70 | 160 | 320 | 620 |
| | | | | ???Uranium Mine??? | | | | 210 | 210 | 160 | 40 | 620 |
| 464 | 471302.7485 | 3951250.962 | 999 | | Haven | Baca/Prewitt | | 120 | 120 | 160 | 210 | 610 |
| 331 | 770937.8028 | 3924350.274 | NMMK0076 | | Dysart No. 1 | Off Navajo Nation | | 110 | 110 | 160 | 230 | 610 |
| 358 | 783940.5864 | 3928016.808 | NMMK0051 | Daylight Mine | Ojato | | 40 | 40 | 160 | 370 | 610 | |
| 393 | 562731.2537 | 4090027.67 | Mon013 | | Red Cap | Baca/Prewitt | | 110 | 110 | 160 | 220 | 600 |
| 332 | 770864.0322 | 3923592.983 | NMMK0136 | | Chilchinbeto | | 150 | 150 | 160 | 140 | 600 | |
| 402 | 595165.0982 | 4036107.246 | Blk002 | | Sweetwater | | 140 | 140 | 160 | 160 | 600 | |
| 219 | 654921.0374 | 4077167.28 | NA-0518 | | Sweetwater | | 220 | 220 | 160 | 0 | 600 | |
| 436 | 651791.8692 | 4066796.027 | Swt018 | | Bodaway/Gap | | 160 | 160 | 160 | 110 | 590 | |
| 166 | 461561.6064 | 3975470.586 | NA-0116 | | Off Navajo Nation | | 130 | 130 | 160 | 170 | 590 | |
| 359 | 783441.9436 | 3928105.177 | NMMK0175 | Section 10 | Section 25 Open Pit | Off Navajo Nation | | 130 | 130 | 160 | 170 | 590 |
| 363 | 786238.4292 | 3914499.481 | NMMK0219, NMMK0215 | | Starlight Mine | Ojato | | 10 | 10 | 160 | 410 | 590 |
| 180 | 561204.9616 | 4090183.814 | NA-0221, NA-0207 | | | | | | | | | |

TABLE 4. Combined Pathways Score Table for AUMs on and Within 1 Mile of the Navajo Nation - By Combined Score

| Mine ID | UTM Easting, Zone 12, NAD83 | UTM Northing, Zone 12, NAD83 | Source_ID | Mine_Name | Chapter1 | Chapter2 | Total Air Score | Total Soil Score | Surface Water Score | Total Ground Water Score | Combined Score |
|---------|-----------------------------|------------------------------|-----------|----------------------------------|-------------------|----------|-----------------|------------------|---------------------|--------------------------|----------------|
| 476 | 772647.1783 | 3917398.631 | NMMK0085 | Hutton-James | Baca/Prewitt | | 100 | 100 | 160 | 220 | 580 |
| 259 | 560919.0129 | 4095243.574 | NA-0208 | Ojato | | | 20 | 20 | 160 | 380 | 580 |
| 250 | 567041.8302 | 4082472.926 | NA-0209 | Black Rock Mine | Ojato | | 190 | 190 | 160 | 40 | 580 |
| 255 | 567345.6134 | 4097291.437 | NA-0212 | Mitten #1 'A' | Ojato | | 60 | 60 | 160 | 300 | 580 |
| 182 | 565784.6216 | 4097153.856 | NA-0216 | Tom Holiday Mine | Ojato | | 30 | 30 | 160 | 360 | 580 |
| 16 | 675079.5153 | 4067151.504 | NA-0823 | Upper Salt Rock Canyon Mine | Red Valley | | 90 | 90 | 160 | 240 | 580 |
| 333 | 771008.1337 | 3923207.286 | NMMK0345 | Yucca | Baca/Prewitt | | 70 | 70 | 160 | 270 | 570 |
| 46 | 675410.9134 | 4075304.09 | NA-0403 | | Beclabito | | 150 | 150 | 160 | 110 | 570 |
| 351 | 782121.4178 | 3920675.631 | NMMK0090 | Junior | Baca/Prewitt | | 150 | 150 | 160 | 100 | 560 |
| 443 | 675575.989 | 4075219.957 | Bec060 | | Beclabito | | 150 | 150 | 160 | 100 | 560 |
| 384 | 460538.2081 | 3963262.407 | Cam051 | | Cameron | | 190 | 190 | 0 | 180 | 560 |
| 134 | 466413.5635 | 3969783.509 | NA-0137 | Yazzie No. 312 | Coalmine Canyon | | 70 | 70 | 160 | 260 | 560 |
| 518 | 566373.437 | 4097189.932 | Mon077 | Ojato | | | 30 | 30 | 160 | 340 | 560 |
| 513 | 565948.6862 | 4085527.311 | NA-0222 | Ojato | | | 140 | 140 | 160 | 120 | 560 |
| 517 | 566389.4477 | 4097242.836 | NA-0234 | Ojato | | | 30 | 30 | 160 | 340 | 560 |
| 5 | 677921.8217 | 4065216.527 | NA-0824 | Red Valley | | | 60 | 60 | 160 | 280 | 560 |
| 217 | 654591.9504 | 4077229.666 | NA-0506 | Sweetwater | | | 130 | 130 | 160 | 140 | 560 |
| 218 | 655100.8349 | 4077273.265 | NA-0506 | Sweetwater | | | 120 | 120 | 160 | 160 | 560 |
| 314 | 713779.2141 | 3930137.653 | NMMK0047 | Diamond No. 2 | Church Rock | | 130 | 130 | 160 | 130 | 550 |
| 123 | 467400.934 | 3967869.78 | NA-0141 | Juan Horse No. 4 | Coalmine Canyon | | 70 | 70 | 160 | 250 | 550 |
| 355 | 783986.2122 | 3925285.004 | NMMK0208 | Section 23 | Off Navajo Nation | | 50 | 50 | 160 | 290 | 550 |
| 514 | 565886.8037 | 4085623.096 | Mon011 | Naschoy Mine | Ojato | | 140 | 140 | 160 | 110 | 550 |
| 4 | 677272.6583 | 4064984.116 | NA-0826 | Red Valley | | | 80 | 80 | 160 | 230 | 550 |
| 340 | 778435.461 | 3921542.028 | NMMK0258 | Silver Spur | Baca/Prewitt | | 150 | 150 | 160 | 80 | 540 |
| 312 | 709247.7446 | 3936045.163 | NMMK0083 | Hogback | Church Rock | | 120 | 120 | 160 | 140 | 540 |
| 257 | 561387.0629 | 4094741.836 | NA-0202 | Ojato | | | 0 | 0 | 160 | 380 | 540 |
| 31 | 674347.8351 | 4058162.629 | NA-0825 | Upper Red Wash Mine | Red Valley | | 120 | 120 | 160 | 140 | 540 |
| 10 | 676269.3984 | 4065400.996 | NA-0810 | Begay No. 2 Mine | Red Valley | | 90 | 90 | 160 | 190 | 530 |
| 400 | 594721.1456 | 4035893.829 | Blk001 | | Chilchinbeto | | 110 | 110 | 160 | 140 | 520 |
| 401 | 594843.241 | 4035986.184 | Blk001a | | Chilchinbeto | | 110 | 110 | 160 | 140 | 520 |
| 226 | 557495.8253 | 4095752.276 | NA-0218 | Monument #3 Mine | Ojato | | 70 | 70 | 160 | 220 | 520 |
| 293 | 626929.3256 | 4122940.261 | NA-0238 | | Red Mesa | | 0 | 0 | 160 | 360 | 520 |
| 12 | 675207.1043 | 4066282.075 | NA-0827 | Williams Point Mine | Red Valley | | 40 | 40 | 160 | 280 | 520 |
| 382 | 464743.1308 | 3966845.222 | Cam043 | | Cameron | | 50 | 50 | 160 | 250 | 510 |
| 256 | 567236.5698 | 4097271.019 | NA-0212 | Mitten #1 'B' | Ojato | | 20 | 20 | 160 | 310 | 510 |
| 477 | 675698.1324 | 4065308.662 | NA-0805 | Shadyside Incline | Red Valley | | 60 | 60 | 160 | 230 | 510 |
| 325 | 764238.1039 | 3927845.251 | NMMK0257 | Silver Bit | Baca/Prewitt | | 60 | 60 | 160 | 220 | 500 |
| 133 | 466256.5239 | 3970049.88 | NA-0135 | Evans Huskon No. 2 | Coalmine Canyon | | 40 | 40 | 160 | 260 | 500 |
| 15 | 675061.9926 | 4067204.75 | NA-0802 | Franks Point Mine | Red Valley | | 70 | 70 | 160 | 200 | 500 |
| 132 | 466457.3466 | 3970174.881 | NA-0136 | Yazzie No. 101 | Coalmine Canyon | | 40 | 40 | 160 | 250 | 490 |
| 104 | 656784.7926 | 4046333.589 | NA-0320 | | Cove | | 100 | 100 | 160 | 130 | 490 |
| 370 | 787693.8767 | 3913452.753 | NMMK0235 | Section 30 | Off Navajo Nation | | 50 | 50 | 160 | 230 | 490 |
| 261 | 557923.0262 | 4100236.512 | NA-0211 | Taylor Reid Mine - B | Ojato | | 0 | 0 | 160 | 330 | 490 |
| 516 | 558227.301 | 4100053.696 | NA-0211 | C-3 Mine | Ojato | | 20 | 20 | 160 | 290 | 490 |
| 30 | 677509.9124 | 4063491.002 | NA-0817 | Red Wash Mine (Hosteen S. Begay) | Red Valley | | 80 | 80 | 160 | 170 | 490 |

TABLE 4. Combined Pathways Score Table for AUMs on and Within 1 Mile of the Navajo Nation - By Combined Score

| Mine ID | UTM Easting, Zone 12, NAD83 | UTM Northing, Zone 12, NAD83 | Source_ID | Mine_Name | Chapter1 | Chapter2 | Total Air Score | Total Soll Score | Surface Water Score | Total Ground Water Score | Combined Score |
|---------|-----------------------------|------------------------------|-----------|---------------------------------|-------------------|----------|-----------------|------------------|---------------------|--------------------------|----------------|
| 118 | 464177.2518 | 3995730.463 | NA-0105a | Henry Sloan No. 1 | Bodaway/Gap | | 150 | 150 | 160 | 20 | 480 |
| 238 | 602058.5286 | 4093881.434 | NA-0226 | Harvey Blackwater Claim (South) | Kayenta | | 80 | 80 | 160 | 160 | 480 |
| 249 | 567208.8139 | 4082356.892 | NA-0209 | Black Rock Mine | Ojato | | 140 | 140 | 160 | 40 | 480 |
| 406 | 601916.4062 | 4014181.74 | Blk029 | | Black Mesa | | 130 | 130 | 160 | 50 | 470 |
| 73 | 598520.5545 | 4036429.885 | NA-0711 | | Chilchinbeto | | 90 | 90 | 160 | 130 | 470 |
| 240 | 602052.7298 | 4093649.566 | NA-0226 | | Kayenta | | 70 | 70 | 160 | 170 | 470 |
| 515 | 558085.7775 | 4100122.195 | NA-0211 | Taylor Reid Mine - A | Ojato | | 10 | 10 | 160 | 290 | 470 |
| 368 | 786745.502 | 3913623.861 | NMMK0218 | Section 25 SEQ | Off Navajo Nation | | 10 | 10 | 160 | 280 | 460 |
| 383 | 462786.9484 | 3961563.503 | Cam052 | | Cameron | | 110 | 110 | 160 | 70 | 450 |
| 251 | 564564.4125 | 4088187.865 | NA-0206 | Big Chief Mine | Ojato | | 0 | 0 | 160 | 290 | 450 |
| 11 | 675996.6045 | 4065610.429 | NA-0813 | | Red Valley | | 50 | 50 | 160 | 190 | 450 |
| 350 | 782188.0871 | 3920165.022 | NMMK0123 | Pat | Baca/Prewitt | | 90 | 90 | 160 | 100 | 440 |
| 291 | 586689.4184 | 3925872.94 | NA-0751 | | Indian Wells | | 50 | 50 | 160 | 180 | 440 |
| 27 | 674370.1891 | 4070911.109 | NA-0410 | Lone Star Mine | Red Valley | | 30 | 30 | 160 | 220 | 440 |
| 320 | 749612.5514 | 3935047.98 | NMMK0098 | Mac No. 2 | Smith Lake | | 70 | 70 | 160 | 140 | 440 |
| 357 | 783493.0733 | 3925959.336 | NMMK0183 | Section 15 | Off Navajo Nation | | 40 | 40 | 160 | 190 | 430 |
| 283 | 654722.8086 | 4089392.228 | NA-0930 | | Teeec Nos Pos | | 80 | 80 | 160 | 110 | 430 |
| 130 | 465967.3805 | 3970553.747 | NA-0131a | Elwood Canyon No. 1 | Coalmine Canyon | | 0 | 0 | 160 | 260 | 420 |
| 242 | 599099.2505 | 4088647.312 | NA-0225 | John Yazzie #1 Mine | Kayenta | | 0 | 0 | 160 | 260 | 420 |
| 448 | 636621.2696 | 4084010.859 | Swt048 | | Red Mesa | | 70 | 70 | 160 | 120 | 420 |
| 24 | 673557.5466 | 4070513.055 | NA-0408 | | Red Valley | | 50 | 50 | 160 | 160 | 420 |
| 32 | 674714.0514 | 4057875.959 | NA-0825 | Upper Red Wash Mine | Red Valley | | 60 | 60 | 160 | 140 | 420 |
| 176 | 465755.8613 | 3966572.629 | NA-0107 | Montezuma No. 1 | Cameron | | 10 | 10 | 160 | 230 | 410 |
| 371 | 787417.5418 | 3913244.011 | NMMK0235 | Section 30 | Off Navajo Nation | | 10 | 10 | 160 | 230 | 410 |
| 372 | 787752.0668 | 3913096.866 | NMMK0235 | Section 30 | Off Navajo Nation | | 10 | 10 | 160 | 230 | 410 |
| 26 | 673909.2667 | 4070727.296 | NA-0409 | Hazel Mine | Red Valley | | 30 | 30 | 160 | 190 | 410 |
| 28 | 674902.7746 | 4071377.357 | NA-0411 | Cottonwood Butte Mine | Red Valley | | 30 | 30 | 160 | 190 | 410 |
| 17 | 675634.608 | 4067193.06 | NA-0818 | | Red Valley | | 30 | 30 | 160 | 190 | 410 |
| 14 | 677026.2043 | 4066110.726 | NA-0819b | Salt Canyon Mines | Red Valley | | 10 | 10 | 160 | 230 | 410 |
| | | | | Lower Salt Rock Canyon Mine | Red Valley | | | | | | |
| 289 | 675527.6451 | 4066868.6 | NA-0823 | | Red Valley | | 30 | 30 | 160 | 190 | 410 |
| 265 | 675086.4628 | 4072721.114 | NA-0413 | | Beclabito | | 30 | 30 | 160 | 180 | 400 |
| 117 | 464165.9126 | 3995442.087 | NA-0105b | Henry Sloan No. 1 | Bodaway/Gap | | 110 | 110 | 160 | 20 | 400 |
| 237 | 607616.5889 | 4087761.794 | NA-0213 | | Dennehotso | | 60 | 60 | 160 | 120 | 400 |
| 367 | 786991.7009 | 3913675.124 | NMMK0218 | Section 25 SEQ | Off Navajo Nation | | 10 | 10 | 160 | 220 | 400 |
| 369 | 787013.1713 | 3913314.176 | NMMK0218 | Section 25 SEQ | Off Navajo Nation | | 10 | 10 | 160 | 220 | 400 |
| 77 | 602866.0918 | 4026847.846 | NA-0700 | | Rough Rock | | 30 | 30 | 160 | 180 | 400 |
| 324 | 763676.664 | 3927820.467 | NMMK0255 | Silver Bit | Baca/Prewitt | | 10 | 10 | 160 | 210 | 390 |
| 266 | 675240.041 | 4072620.541 | NA-0413 | | Beclabito | | 30 | 30 | 160 | 170 | 390 |
| 452 | 463560.0573 | 3992325.358 | 7 | A & B No. 13 | Bodaway/Gap | | 80 | 80 | 160 | 70 | 390 |
| 399 | 567653.352 | 4081215.797 | Mon019 | Sally Mine | Kayenta | | 100 | 100 | 160 | 30 | 390 |
| 463 | 471524.6631 | 3951793.161 | 88 | Black Point-Murphy Group | Off Navajo Nation | | 100 | 100 | 160 | 30 | 390 |
| 13 | 676633.0239 | 4066117.87 | NA-0819a | Salt Canyon Mines | Red Valley | | 0 | 0 | 160 | 230 | 390 |
| 349 | 781906.115 | 3920364.596 | NMMK0123 | Pat | Baca/Prewitt | | 60 | 60 | 160 | 100 | 380 |
| 337 | 773996.5843 | 3921849.778 | NMMK0249 | Section 34 | Baca/Prewitt | | 0 | 0 | 160 | 220 | 380 |
| 47 | 676616.4687 | 4074726.029 | NA-0404 | | Beclabito | | 20 | 20 | 160 | 180 | 380 |
| 421 | 656895.6255 | 4045919.069 | Cov099 | Frank Jr. Mine | Cove | | 50 | 50 | 160 | 120 | 380 |

TABLE 4. Combined Pathways Score Table for AUMs on and Within 1 Mile of the Navajo Nation - By Combined Score

| Mine ID | UTM Easting, Zone 12, NAD83 | UTM Northing, Zone 12, NAD83 | Source_ID | Mine_Name | Chapter1 | Chapter2 | Total Air Score | Total Soil Score | Surface Water Score | Total Ground Water Score | Combined Score |
|---------|-----------------------------|------------------------------|------------------------------|----------------------|-------------------|----------|-----------------|------------------|---------------------|--------------------------|----------------|
| 336 | 769226.3695 | 3929188.047 | NMMK0002 | Alta | Baca/Prewitt | | 20 | 20 | 160 | 170 | 370 |
| 236 | 468189.2861 | 3966390.892 | NA-0111 | | Coalmine Canyon | | 0 | 0 | 160 | 210 | 370 |
| 129 | 466302.037 | 3970690.061 | NA-0131b | Max Johnson No. 9 | Coalmine Canyon | | 0 | 0 | 160 | 210 | 370 |
| 394 | 560939.1846 | 4084660.428 | Mon006 | Joe Rock Mine | Oljato | | 50 | 50 | 160 | 110 | 370 |
| 348 | 781949.1027 | 3920177.964 | NMMK0041 | Dakota | Baca/Prewitt | | 50 | 50 | 160 | 100 | 360 |
| 121 | 463818.8588 | 3977642.398 | NA-0113 | Jeepster No. 1 | Coalmine Canyon | | 60 | 60 | 160 | 80 | 360 |
| 506 | 656132.8528 | 4044993.203 | Cov086 | | Cove | | 20 | 20 | 160 | 160 | 360 |
| 507 | 656325.4218 | 4045013.243 | Cov087 | | Cove | | 20 | 20 | 160 | 160 | 360 |
| 505 | 656149.919 | 4044893.352 | NA-0317 | | Cove | | 20 | 20 | 160 | 160 | 360 |
| 508 | 656230.3764 | 4045048.336 | NA-0317 | | Cove | | 20 | 20 | 160 | 160 | 360 |
| 509 | 656493.2842 | 4044508.997 | NA-0317 | | Cove | | 20 | 20 | 160 | 160 | 360 |
| 105 | 655884.7467 | 4045539.447 | NA-0319 | | Cove | | 20 | 20 | 160 | 160 | 360 |
| 360 | 786341.5936 | 3915567.371 | NMMK0019 | Bobcat | Off Navajo Nation | | 40 | 40 | 160 | 120 | 360 |
| 366 | 786785.2809 | 3913831.476 | NMMK0218 | Section 25 SEQ | Off Navajo Nation | | 10 | 10 | 160 | 180 | 360 |
| 282 | 666857.8326 | 4082514.284 | NA-0402 | | Teeec Nos Pos | | 10 | 10 | 160 | 180 | 360 |
| 290 | 442824.7467 | 4058163.11 | NA-0259 | | Bodaway/Gap | | 0 | 0 | 160 | 190 | 350 |
| 300 | 637823.1606 | 4006096.134 | Zhealy Tso, N. Part Parcel 1 | Zhealy Tso | Chinle | | 80 | 80 | 160 | 30 | 350 |
| 510 | 656401.9528 | 4044392.613 | NA-0301 | Frank No. 1 Mines | Cove | | 20 | 20 | 160 | 150 | 350 |
| 362 | 786805.8549 | 3914549.2 | NMMK0216 | Section 25 | Off Navajo Nation | | 10 | 10 | 160 | 170 | 350 |
| 187 | 642669.3214 | 4063917.85 | NA-0500 | | Sweetwater | | 90 | 90 | 160 | 10 | 350 |
| 352 | 781738.1018 | 3920112.975 | NMMK0164 | Section 4 | Baca/Prewitt | | 40 | 40 | 160 | 100 | 340 |
| 269 | 675269.2962 | 4072927.788 | NA-0414 | | Beclabito | | 0 | 0 | 160 | 180 | 340 |
| 270 | 674443.6089 | 4074133.218 | NA-0418 | | Beclabito | | 20 | 20 | 160 | 140 | 340 |
| 281 | 676830.4013 | 4074621.651 | NA-0419 | | Beclabito | | 20 | 20 | 160 | 140 | 340 |
| 92 | 462645.491 | 3978831.722 | NA-0104 | Charles Huskon No. 6 | Coalmine Canyon | | 70 | 70 | 160 | 40 | 340 |
| 417 | 656635.6158 | 4042454.595 | Cov053 | | Cove | | 50 | 50 | 160 | 80 | 340 |
| 101 | 656625.3875 | 4043653.208 | NA-0314 | | Cove | | 30 | 30 | 160 | 120 | 340 |
| 190 | 637966.2229 | 4089079.969 | NA-0508A | | Red Mesa | | 70 | 70 | 160 | 40 | 340 |
| 216 | 650565.6716 | 4071550.28 | NA-0504 | | Sweetwater | | 80 | 80 | 160 | 20 | 340 |
| 334 | 771093.8765 | 3928279.598 | NMMK0058 | Evelyn | Baca/Prewitt | | 0 | 0 | 160 | 170 | 330 |
| 442 | 674826.8749 | 4073754.03 | Bec054 | | Beclabito | | 20 | 20 | 160 | 130 | 330 |
| 271 | 674864.4734 | 4073536.651 | NA-0417 | | Beclabito | | 20 | 20 | 160 | 130 | 330 |
| 272 | 674554.3755 | 4074048.275 | NA-0418 | | Beclabito | | 20 | 20 | 160 | 130 | 330 |
| 159 | 472628.2836 | 3945454.616 | NA-0194 | Julius Chee No. 3 | Coalmine Canyon | | 30 | 30 | 160 | 110 | 330 |
| 424 | 656886.6743 | 4043003.918 | Cov052 | | Cove | | 50 | 50 | 160 | 70 | 330 |
| 415 | 655685.9535 | 4043963.235 | Cov230 | | Cove | | 20 | 20 | 160 | 130 | 330 |
| 98 | 657323.8352 | 4042708.56 | NA-0313 | | Cove | | 50 | 50 | 160 | 70 | 330 |
| 106 | 656275.7607 | 4044209.152 | NA-0316 | Frank No. 1 Mines | Cove | | 20 | 20 | 160 | 130 | 330 |
| 107 | 656025.8516 | 4044076.131 | NA-0316 | | Cove | | 20 | 20 | 160 | 130 | 330 |
| 25 | 673620.2997 | 4070761.263 | NA-0400 | Syracuse Mine | Red Valley | | 0 | 0 | 160 | 170 | 330 |
| 335 | 769994.7902 | 3928419.07 | NMMK0071 | Frances | Baca/Prewitt | | 0 | 0 | 160 | 160 | 320 |
| 374 | 462973.4243 | 3978285.946 | Cam012 | | Coalmine Canyon | | 40 | 40 | 160 | 80 | 320 |
| 375 | 467069.57 | 3970972.412 | Cam033 | | Coalmine Canyon | | 0 | 0 | 160 | 160 | 320 |
| 233 | 472583.4407 | 3947750.712 | NA-0110A | Max Johnson No. 7 | Coalmine Canyon | | 30 | 30 | 160 | 100 | 320 |

TABLE 4. Combined Pathways Score Table for AUMs on and Within 1 Mile of the Navajo Nation - By Combined Score

| Mine ID | UTM Easting, Zone 12, NAD83 | UTM Northing, Zone 12, NAD83 | Source_ID | Mine_Name | Chapter1 | Chapter2 | Total Air Score | Total Soil Score | Surface Water Score | Total Ground Water Score | Combined Score | |
|---------|-----------------------------|------------------------------|------------------------------|--|-----------------------|-------------------|-------------------|------------------|---------------------|--------------------------|----------------|-----|
| 156 | 474301.0321 | 3945886.887 | NA-0196B | RAMCO No. 24 | Coalmine Canyon | | 30 | 30 | 160 | 100 | 320 | |
| 423 | 659916.8195 | 4042156.015 | Cov026 | | Cove | | 30 | 30 | 160 | 100 | 320 | |
| 469 | 656274.6249 | 4045727.425 | NA-0319 | | Cove | | 20 | 20 | 160 | 120 | 320 | |
| 85 | 603427.0984 | 4016376.105 | NA-0703 | | Black Mesa | | 60 | 60 | 160 | 30 | 310 | |
| 170 | 465491.1967 | 3957766.93 | NA-0164 | Taylor Reid No. 2 | Cameron | | 10 | 10 | 160 | 130 | 310 | |
| 155 | 474845.2969 | 3945332.523 | NA-0196A | RAMCO No. 24 | Coalmine Canyon | | 40 | 40 | 160 | 70 | 310 | |
| 294 | 660473.6567 | 4141823.329 | W027031 | PETE 6 & 7 | Aneth | Off Navajo Nation | 10 | 10 | 160 | 120 | 300 | |
| 279 | 669623.153 | 4078646.608 | NA-0422 | | Beclabito | | 0 | 0 | 160 | 140 | 300 | |
| 376 | 468978.27 | 3966460.51 | Cam042 | | Coalmine Canyon | | 0 | 0 | 160 | 140 | 300 | |
| | | | | Charles Huskon No. 4 & Paul Huskie No. 3 | Coalmine Canyon | | 40 | 40 | 160 | 60 | 300 | |
| 157 | 473390.2962 | 3944517.865 | NA-0197 | | Cove | | 0 | 0 | 160 | 140 | 300 | |
| 94 | 659573.0011 | 4043490.417 | NA-0310A | | Cove | | 10 | 10 | 160 | 120 | 300 | |
| 100 | 657548.9453 | 4044313.217 | NA-0315 | | Kayenta | | 0 | 0 | 160 | 140 | 300 | |
| 241 | 599124.7915 | 4089127.132 | NA-0224 | | Lost Mine | Baca/Prewitt | 0 | 0 | 160 | 130 | 290 | |
| 339 | 774340.6732 | 3921727.033 | NMMK0096 | | Beclabito | | 0 | 0 | 160 | 130 | 290 | |
| 268 | 675200.6272 | 4073175.053 | NA-0415 | | Beclabito | | 0 | 0 | 160 | 130 | 290 | |
| 267 | 675147.6223 | 4073320.477 | NA-0416 | | Section 1 Lease | Cameron | Off Navajo Nation | 10 | 10 | 160 | 110 | 290 |
| 453 | 464521.9719 | 3957164.029 | 67a | | Zhealy Tso | Chinle | | 50 | 50 | 160 | 30 | 290 |
| 137 | 466901.2931 | 3964216.321 | NA-0149d | Charles Huskon No. 3 | Westwater | | 10 | 10 | 160 | 110 | 290 | |
| 297 | 637512.737 | 4005384.335 | Zhealy Tso, S. Part Parcel 1 | | Section 1 Lease | Off Navajo Nation | | 10 | 10 | 160 | 110 | 290 |
| 311 | 726723.6729 | 3937368.298 | NMMK0341 | | Boot Jack Mine | Ojito | | 20 | 20 | 160 | 90 | 290 |
| 454 | 465099.2736 | 3956058.264 | 67b | A & B No. 7 | Bodaway/Gap | | 40 | 40 | 160 | 40 | 280 | |
| 252 | 562187.4364 | 4084802.223 | NA-0201 | | Bodaway/Gap | | 50 | 50 | 160 | 20 | 280 | |
| 451 | 460453.8574 | 3989868.083 | 8 | Julius Chee No. 2 | Coalmine Canyon | | 30 | 30 | 160 | 60 | 280 | |
| 172 | 461719.6782 | 3994422.391 | NA-0113 | | | | | | | | | |
| 158 | 472939.0906 | 3945041.199 | NA-0195 | | | | | | | | | |
| 235 | 474000.3944 | 3944574.753 | NA-0197B | Charles Huskon No. 18 | Charles Huskon No. 18 | Coalmine Canyon | | 30 | 30 | 160 | 60 | 280 |
| 420 | 657109.0398 | 4044421.774 | Cov068 | | Cove | | 0 | 0 | 160 | 120 | 280 | |
| 103 | 656747.6838 | 4045256.698 | NA-0302 | Mesa V Mine | Cove | | 0 | 0 | 160 | 120 | 280 | |
| 99 | 657228.7769 | 4045105.699 | NA-0318 | | Cove | | 0 | 0 | 160 | 120 | 280 | |
| 102 | 656893.4238 | 4045388.566 | NA-0318 | | Cove | | 0 | 0 | 160 | 120 | 280 | |
| 287 | 658315.9563 | 4044231.308 | NA-0324 | | Cove | | 0 | 0 | 160 | 120 | 280 | |
| 494 | 655302.931 | 4052787.463 | Cov110 | East Mesa Mines | Red Valley | | 0 | 0 | 160 | 120 | 280 | |
| 493 | 655275.4196 | 4052572.782 | NA-0339 | East Mesa Mines | Red Valley | | 0 | 0 | 160 | 120 | 280 | |
| 184 | 653025.2184 | 4073744.78 | NA-0505A | | Sweetwater | | 50 | 50 | 160 | 20 | 280 | |
| 338 | 774607.3627 | 3921836.715 | NMMK0096 | Lost Mine | Baca/Prewitt | | 0 | 0 | 160 | 110 | 270 | |
| 347 | 780925.3701 | 3916918.664 | NMMK0138 | Red Point | Baca/Prewitt | | 10 | 10 | 160 | 90 | 270 | |
| 444 | 677120.6462 | 4074394.793 | Bec064 | | Beclabito | | 0 | 0 | 160 | 110 | 270 | |
| 445 | 677754.5144 | 4074438.997 | Bec068 | | Beclabito | | 0 | 0 | 160 | 110 | 270 | |
| 48 | 677623.0196 | 4074283.65 | NA-0404 | | Beclabito | | 0 | 0 | 160 | 110 | 270 | |
| 165 | 460860.5774 | 3975316.227 | NA-0114AAA | | Bodaway/Gap | | 0 | 0 | 160 | 110 | 270 | |
| 163 | 460749.9584 | 3975585.796 | NA-0114AAB | | Bodaway/Gap | | 0 | 0 | 160 | 110 | 270 | |
| 164 | 460587.3076 | 3975569.26 | NA-0114AAC | | Bodaway/Gap | | 0 | 0 | 160 | 110 | 270 | |
| 140 | 465908.0955 | 3964185.697 | NA-0149A | Charles Huskon No. 3 | Cameron | | 0 | 0 | 160 | 110 | 270 | |

TABLE 4. Combined Pathways Score Table for AUMs on and Within 1 Mile of the Navajo Nation - By Combined Score

| Mine ID | UTM Easting, Zone 12, NAD83 | UTM Northing, Zone 12, NAD83 | Source_ID | Mine_Name | Chapter1 | Chapter2 | Total Air Score | Total Soil Score | Surface Water Score | Total Ground Water Score | Combined Score |
|---------|-----------------------------|------------------------------|------------------------------|-----------------------|--------------------|---------------|-----------------|------------------|---------------------|--------------------------|----------------|
| 93 | 659194.8889 | 4043344.766 | NA-0300, NA-0310B-D | | Cove | | 0 | 0 | 160 | 110 | 270 |
| 361 | 786877.25 | 3915446.294 | NMMK0018 | Blue Peak | Off Navajo Nation | | 10 | 10 | 160 | 90 | 270 |
| 185 | 653402.5858 | 4073568.298 | NA-0505B | | Sweetwater | | 50 | 50 | 160 | 10 | 270 |
| 186 | 653261.0992 | 4073327.452 | NA-0505C | | Sweetwater | | 50 | 50 | 160 | 10 | 270 |
| 447 | 672279.3173 | 4078189.821 | Bec070 | | Beclabito | | 0 | 0 | 160 | 100 | 260 |
| 49 | 672733.7587 | 4078275.177 | NA-0401 | Copper Mine | Beclabito | | 0 | 0 | 160 | 100 | 260 |
| 29 | 671729.4403 | 4074252.039 | NA-0412 | Upper Red Canyon Mine | Beclabito | | 0 | 0 | 160 | 100 | 260 |
| 87 | 604689.5467 | 4018612.543 | NA0709A | | Black Mesa | | 0 | 0 | 160 | 100 | 260 |
| 88 | 604979.7355 | 4018451.479 | NA0709C | | Black Mesa | | 0 | 0 | 160 | 100 | 260 |
| 111 | 723860.233 | 3937632.795 | NA-0552 | Section 3 | Iyanbito | | 0 | 0 | 160 | 100 | 260 |
| 490 | 671293.9623 | 4074466.372 | Bec002 | Toni Tuc No. 1 Mine | Red Valley | Beclabito | 0 | 0 | 160 | 100 | 260 |
| 489 | 671182.4011 | 4074426.729 | NA-0425 | Toni Tuc No. 1 Mine | Red Valley | Beclabito | 0 | 0 | 160 | 100 | 260 |
| 404 | 604351.9893 | 4009154.835 | Blk022 | | Tselani/Cottonwood | | 40 | 40 | 160 | 20 | 260 |
| 81 | 601572.8452 | 4007799.181 | NA-0702 | | Tselani/Cottonwood | | 10 | 10 | 160 | 80 | 260 |
| 84 | 604425.3765 | 4009623.666 | NA-0708 | | Tselani/Cottonwood | | 40 | 40 | 160 | 20 | 260 |
| 280 | 670095.0962 | 4078924.894 | NA-0421 | | Beclabito | | 0 | 0 | 160 | 90 | 250 |
| 162 | 459624.834 | 3975733.337 | NA-0114DAA | | Bodaway/Gap | | 0 | 0 | 160 | 90 | 250 |
| 138 | 466207.2095 | 3963823.969 | NA-0149c | Charles Huskon No. 3 | Cameron | | 0 | 0 | 160 | 90 | 250 |
| 167 | 467082.6518 | 3958512.704 | NA-0158B | Charles Huskon No. 8 | Cameron | | 0 | 0 | 160 | 90 | 250 |
| 169 | 467570.4031 | 3958167.69 | NA-0159 | Boyd Tisi No. 1 | Cameron | | 0 | 0 | 160 | 90 | 250 |
| 299 | 637297.2201 | 4005514.831 | Zhealy Tso, W. Part Parcel 1 | Zhealy Tso | Chinle | | 30 | 30 | 160 | 30 | 250 |
| 425 | 657269.5548 | 4043077.717 | Cov000 | | Cove | | 10 | 10 | 160 | 70 | 250 |
| 418 | 658250.4359 | 4042130.567 | Cov033 | | Cove | | 10 | 10 | 160 | 70 | 250 |
| 416 | 656473.0069 | 4042872.314 | Cov054 | | Cove | | 10 | 10 | 160 | 70 | 250 |
| 96 | 658103.6381 | 4042557.829 | NA-0312 | | Cove | | 10 | 10 | 160 | 70 | 250 |
| 97 | 658124.0382 | 4042161.766 | NA-0312 | | Cove | | 10 | 10 | 160 | 70 | 250 |
| 40 | 654497.611 | 4051663.346 | NA-0338 | West Mesa Mine | Round Rock | Red Valley | 0 | 0 | 160 | 90 | 250 |
| 446 | 669029.921 | 4078287.563 | Bec090 | | Beclabito | | 0 | 0 | 160 | 80 | 240 |
| 278 | 668610.9648 | 4078369.995 | NA-0423 | | Beclabito | Teeec Nos Pos | 0 | 0 | 160 | 80 | 240 |
| 86 | 604529.3675 | 4018239.225 | NA0709B | | Black Mesa | | 0 | 0 | 160 | 80 | 240 |
| 139 | 466286.4282 | 3964044.714 | NA-0149b | Charles Huskon No. 3 | Cameron | | 0 | 0 | 160 | 80 | 240 |
| 232 | 468787.7125 | 3959732.47 | NA-0155B | Charles Huskon No. 10 | Cameron | | 10 | 10 | 160 | 60 | 240 |
| 234 | 472286.1535 | 3948685.653 | NA-0110B | Amos Chee No. 8 | Coalmine Canyon | | 10 | 10 | 160 | 60 | 240 |
| 154 | 474887.8094 | 3944217.03 | NA-0198 | Emmet Lee No. 3 | Coalmine Canyon | | 10 | 10 | 160 | 60 | 240 |
| 212 | 651591.5636 | 4065355.625 | NA-0515 | | Sweetwater | | 40 | 40 | 160 | 0 | 240 |
| 143 | 467525.4417 | 3961581.563 | NA-0153 | Yazzie No. 102 | Cameron | | 0 | 0 | 160 | 70 | 230 |
| 142 | 467482.9627 | 3961303.457 | NA-0154 | Yazzie No. 102 | Cameron | | 0 | 0 | 160 | 70 | 230 |
| 298 | 637307.1062 | 4005587.988 | Zhealy Tso, W. Part Parcel 1 | Zhealy Tso | Chinle | | 20 | 20 | 160 | 30 | 230 |
| 286 | 658839.6746 | 4042556.878 | NA-0321 | | Cove | | 0 | 0 | 160 | 70 | 230 |
| 285 | 658543.2536 | 4042710.075 | NA-0323 | | Cove | | 0 | 0 | 160 | 70 | 230 |

TABLE 4. Combined Pathways Score Table for AUMs on and Within 1 Mile of the Navajo Nation - By Combined Score

| Mine ID | UTM Easting, Zone 12, NAD83 | UTM Northing, Zone 12, NAD83 | Source_ID | Mine_Name | Chapter1 | Chapter2 | Total Air Score | Total Soil Score | Surface Water Score | Total Ground Water Score | Combined Score |
|---------|-----------------------------|------------------------------|------------|-----------------------|--------------------|-------------------|-----------------|------------------|---------------------|--------------------------|----------------|
| 262 | 554920.0974 | 4090997.763 | NA-0205 | Tract 11E | Oljato | | 0 | 0 | 160 | 70 | 230 |
| 511 | 656276.9622 | 4040807.137 | NA-0329 | | Round Rock | | 0 | 0 | 160 | 70 | 230 |
| 178 | 461826.7995 | 3997666.546 | NA-0103B | Earl Huskon No. 1 | Bodaway/Gap | | 20 | 20 | 160 | 20 | 220 |
| 141 | 468219.0491 | 3959655.69 | NA-0155A | Charles Huskon No. 10 | Cameron | | 0 | 0 | 160 | 60 | 220 |
| 231 | 469726.8822 | 3973788.803 | NA-0121 | Evans Huskon No. 34 | Coalmine Canyon | | 0 | 0 | 160 | 60 | 220 |
| 122 | 469922.5101 | 3964445.755 | NA-0148 | Jack Huskon No. 3 | Coalmine Canyon | Cameron | 0 | 0 | 160 | 60 | 220 |
| 419 | 659403.6561 | 4042638.13 | Cov027 | | Cove | | 0 | 0 | 160 | 60 | 220 |
| 95 | 658223.2241 | 4041549.936 | NA-0311 | | Cove | | 0 | 0 | 160 | 60 | 220 |
| 288 | 658934.9785 | 4042159.292 | NA-0322 | | Cove | | 0 | 0 | 160 | 60 | 220 |
| 395 | 576750.0448 | 4088103.134 | Mon0076a | | Oljato | | 0 | 0 | 160 | 60 | 220 |
| 428 | 657067.1031 | 4039187.56 | Cov216 | Knife Edge Mesa Mine | Round Rock | | 0 | 0 | 160 | 60 | 220 |
| 512 | 656489.4687 | 4040827.175 | NA-0329 | | Round Rock | | 0 | 0 | 160 | 60 | 220 |
| 204 | 655111.6311 | 4041409.648 | NA-0330 | | Round Rock | | 0 | 0 | 160 | 60 | 220 |
| 203 | 655016.8821 | 4041834.858 | NA-0331 | | Round Rock | | 0 | 0 | 160 | 60 | 220 |
| 207 | 657214.2319 | 4039031.759 | NA-0343 | | Round Rock | | 0 | 0 | 160 | 60 | 220 |
| 44 | 677192.0142 | 4034691.713 | NA-0610 | | Sanostee | | 20 | 20 | 160 | 20 | 220 |
| 168 | 466889.5414 | 3958912.745 | NA-0158A | Charles Huskon No. 8 | Cameron | | 0 | 0 | 160 | 50 | 210 |
| 422 | 658939.5601 | 4040931.275 | Cov030 | | Cove | | 0 | 0 | 160 | 50 | 210 |
| 227 | 554047.6725 | 4100617.152 | NA-0236 | Tract 7 | Oljato | | 0 | 0 | 160 | 50 | 210 |
| 429 | 658465.1018 | 4039797.674 | Cov226 | Cisco Mine | Round Rock | | 0 | 0 | 160 | 50 | 210 |
| 467 | 658038.268 | 4039551.928 | NA-0326 | Joleo Mine | Round Rock | | 0 | 0 | 160 | 50 | 210 |
| 205 | 656836.4725 | 4040738.48 | NA-0327 | | Round Rock | | 0 | 0 | 160 | 50 | 210 |
| 206 | 656634.3771 | 4040665.664 | NA-0328 | | Round Rock | | 0 | 0 | 160 | 50 | 210 |
| 183 | 463398.767 | 3998127.758 | NA-0102 | Paul Huskie No.21 | Bodaway/Gap | | 10 | 10 | 160 | 20 | 200 |
| 385 | 467886.9093 | 3959487.141 | Cam056 | | Cameron | | 0 | 0 | 160 | 40 | 200 |
| 144 | 470492.9854 | 3956954.728 | NA-0166 | Charles Huskon No. 11 | Cameron | Off Navajo Nation | 10 | 10 | 160 | 20 | 200 |
| 378 | 471653.1189 | 3957818.335 | Cam062 | | Coalmine Canyon | | 10 | 10 | 160 | 20 | 200 |
| 263 | 554166.727 | 4091532.854 | NA-0203 | Tract 11 | Oljato | | 0 | 0 | 160 | 40 | 200 |
| 208 | 659207.0071 | 4039702.283 | NA-0325 | Camp Mine | Round Rock | | 0 | 0 | 160 | 40 | 200 |
| 202 | 654384.017 | 4041853.516 | NA-0332 | | Round Rock | | 0 | 0 | 160 | 40 | 200 |
| 201 | 654371.8668 | 4042086.998 | NA-0333 | | Round Rock | | 0 | 0 | 160 | 40 | 200 |
| 274 | 652011.1486 | 4059005.796 | NA-0511 | | Sweetwater | | 20 | 20 | 160 | 0 | 200 |
| 275 | 651665.9561 | 4058822.603 | NA-0511 | | Sweetwater | | 20 | 20 | 160 | 0 | 200 |
| 211 | 652153.8509 | 4062497.854 | NA-0513 | | Sweetwater | | 20 | 20 | 160 | 0 | 200 |
| 405 | 602773.338 | 4006455.4 | Blk019b | | Tselani/Cottonwood | | 0 | 0 | 160 | 40 | 200 |
| 403 | 603838.1842 | 4008103.927 | Blk020 | | Tselani/Cottonwood | | 0 | 0 | 160 | 40 | 200 |
| 82 | 602743.3201 | 4008158.383 | NA-0704 | | Tselani/Cottonwood | Tachee/Blue Gap | 0 | 0 | 160 | 40 | 200 |
| 83 | 603889.3724 | 4008310.071 | NA-0707 | | Tselani/Cottonwood | | 0 | 0 | 160 | 40 | 200 |
| 91 | 446398.9385 | 4073333.514 | NA-0101 | Jimmie Boone B | Bodaway/Gap | | 0 | 0 | 160 | 30 | 190 |
| 161 | 459352.8332 | 3976090.392 | NA-0114DAB | | Bodaway/Gap | | 0 | 0 | 160 | 30 | 190 |

TABLE 4. Combined Pathways Score Table for AUMs on and Within 1 Mile of the Navajo Nation - By Combined Score

| Mine ID | UTM Easting, Zone 12, NAD83 | UTM Northing, Zone 12, NAD83 | Source_ID | Mine_Name | Chapter1 | Chapter2 | Total Air Score | Total Soil Score | Surface Water Score | Total Ground Water Score | Combined Score |
|---------|-----------------------------|------------------------------|-----------|------------------------------------|-------------------|------------|-----------------|------------------|---------------------|--------------------------|----------------|
| 174 | 472276.5032 | 3952587.93 | NA-0109 | Jackpot No. 40 | Coalmine Canyon | | 0 | 0 | 160 | 30 | 190 |
| 153 | 472919.6645 | 3954770.864 | NA-0174 | RAMCO No. 20 | Coalmine Canyon | | 0 | 0 | 160 | 30 | 190 |
| 149 | 472143.7397 | 3953395.939 | NA-0179 | Yazzie No. 1 | Coalmine Canyon | | 0 | 0 | 160 | 30 | 190 |
| 148 | 472484.3683 | 3953351.234 | NA-0180 | Yazzie No. 2 | Coalmine Canyon | | 0 | 0 | 160 | 30 | 190 |
| 173 | 472363.6568 | 3952955.56 | NA-0184 | Charles Huskon No. 17 | Coalmine Canyon | | 0 | 0 | 160 | 30 | 190 |
| 147 | 473078.081 | 3952699.699 | NA-0186 | Jackpot No. 1 | Coalmine Canyon | | 0 | 0 | 160 | 30 | 190 |
| 146 | 473372.2984 | 3952587.62 | NA-0187 | Jackpot No. 5 | Coalmine Canyon | | 0 | 0 | 160 | 30 | 190 |
| 458 | 470121.6234 | 3954099.618 | 71b | Section 9 Lease | Off Navajo Nation | | 0 | 0 | 160 | 30 | 190 |
| 459 | 470391.8115 | 3953629.864 | 71c | Section 9 Lease | Off Navajo Nation | | 0 | 0 | 160 | 30 | 190 |
| 222 | 578103.6473 | 4091205.565 | NA-0223 | | Oljato | | 0 | 0 | 160 | 30 | 190 |
| 34 | 654576.3359 | 4057405.222 | NA-0308 | Cove Mesa Mines (Cato Sells) | Red Valley | | 10 | 10 | 160 | 10 | 190 |
| 35 | 654723.7075 | 4057632.023 | NA-0341 | Cove Mesa Mines (Cato Sells) | Red Valley | | 10 | 10 | 160 | 10 | 190 |
| 433 | 675134.1186 | 4037437.917 | San018 | | Red Valley | | 0 | 0 | 160 | 30 | 190 |
| 427 | 652371.079 | 4045295.878 | Cov198 | | Round Rock | | 0 | 0 | 160 | 30 | 190 |
| 200 | 654214.0626 | 4042651.127 | NA-0334 | Jimmie King No. 9 Mine | Round Rock | | 0 | 0 | 160 | 30 | 190 |
| 199 | 652572.976 | 4045323.189 | NA-0335 | | Round Rock | | 0 | 0 | 160 | 30 | 190 |
| 468 | 652167.9776 | 4046047.142 | NA-0336 | Hall Mine | Round Rock | | 0 | 0 | 160 | 30 | 190 |
| 197 | 651277.1462 | 4046559.208 | NA-0337 | Mexican Cry Mine | Round Rock | | 0 | 0 | 160 | 30 | 190 |
| 198 | 651259.0464 | 4046345 | NA-0337 | Mexican Cry Mine | Round Rock | | 0 | 0 | 160 | 30 | 190 |
| 407 | 678655.6266 | 4029300.23 | San001 | | Sanostee | | 10 | 10 | 160 | 10 | 190 |
| 177 | 463384.9437 | 3997713.999 | NA-0103A | Earl Huskon No. 3 | Bodaway/Gap | | 0 | 0 | 160 | 20 | 180 |
| 171 | 462142.6949 | 3995787.164 | NA-0112 | | Bodaway/Gap | | 0 | 0 | 160 | 20 | 180 |
| 145 | 472283.0459 | 3957605.287 | NA-0163 | Ryan No. 1 | Coalmine Canyon | | 0 | 0 | 160 | 20 | 180 |
| 90 | 472690.2481 | 3955070.607 | NA-0172a | RAMCO No. 21 | Coalmine Canyon | | 0 | 0 | 160 | 20 | 180 |
| 150 | 472753.9546 | 3955304.063 | NA-0172B | RAMCO No. 21 | Coalmine Canyon | | 0 | 0 | 160 | 20 | 180 |
| 152 | 473408.5542 | 3954697.395 | NA-0175 | Ryan No. 2 | Coalmine Canyon | | 0 | 0 | 160 | 20 | 180 |
| 243 | 583219.684 | 4083894.037 | NA-0235 | | Kayenta | | 0 | 0 | 160 | 20 | 180 |
| 244 | 583663.6496 | 4083987.856 | NA-0235 | | Kayenta | | 0 | 0 | 160 | 20 | 180 |
| 456 | 470449.4317 | 3956208.069 | Cam068b | | NA | | 0 | 0 | 160 | 20 | 180 |
| 457 | 470689.6917 | 3955130.448 | 71a | Section 9 Lease | Off Navajo Nation | | 0 | 0 | 160 | 20 | 180 |
| 502 | 654867.8475 | 4055394.978 | Cov121 | Cove Mesa Mines (AEC Lease Plot 7) | Sweetwater | | 0 | 0 | 160 | 20 | 180 |
| 500 | 654756.2938 | 4055288.177 | Cov122 | Cove Mesa Mines (AEC Lease Plot 7) | Sweetwater | | 0 | 0 | 160 | 20 | 180 |
| 503 | 654505.0162 | 4055117.902 | Cov125 | Cove Mesa Mines (AEC Lease Plot 7) | Sweetwater | | 0 | 0 | 160 | 20 | 180 |
| 434 | 654581.0547 | 4056009.223 | Cov178 | Cove Mesa Mines (AEC Lease Plot 7) | Sweetwater | Red Valley | 0 | 0 | 160 | 20 | 180 |

TABLE 4. Combined Pathways Score Table for AUMs on and Within 1 Mile of the Navajo Nation - By Combined Score

| Mine ID | UTM Easting, Zone 12, NAD83 | UTM Northing, Zone 12, NAD83 | Source_ID | Mine_Name | Chapter1 | Chapter2 | Total Air Score | Total Soil Score | Surface Water Score | Total Ground Water Score | Combined Score |
|---------|-----------------------------|------------------------------|-----------|------------------------------------|-----------------|------------|-----------------|------------------|---------------------|--------------------------|----------------|
| 497 | 654708.76 | 4055542.866 | NA-0304 | Cove Mesa Mines (AEC Lease Plot 7) | Sweetwater | | 0 | 0 | 160 | 20 | 180 |
| 498 | 654379.8856 | 4055487.79 | NA-0305 | Cove Mesa Mines (AEC Lease Plot 7) | Sweetwater | | 0 | 0 | 160 | 20 | 180 |
| 39 | 653993.2279 | 4056047.842 | NA-0306 | Cove Mesa Mines (AEC Lease Plot 7) | Sweetwater | | 0 | 0 | 160 | 20 | 180 |
| 499 | 654612.5719 | 4055177.034 | NA-0340 | Cove Mesa Mines (AEC Lease Plot 7) | Sweetwater | | 0 | 0 | 160 | 20 | 180 |
| 210 | 650038.7368 | 4062519.182 | NA-0512 | | Sweetwater | | 10 | 10 | 160 | 0 | 180 |
| 214 | 653843.0961 | 4067669.901 | NA-0516 | | Sweetwater | | 10 | 10 | 160 | 0 | 180 |
| 215 | 653900.5133 | 4067850.214 | NA-0516 | | Sweetwater | | 10 | 10 | 160 | 0 | 180 |
| 437 | 649238.3635 | 4059315.129 | Swt002 | | Sweetwater | | 10 | 10 | 160 | 0 | 180 |
| 438 | 649584.4204 | 4059130.176 | Swt003 | | Sweetwater | | 10 | 10 | 160 | 0 | 180 |
| 377 | 472460.8206 | 3959601.12 | Cam057 | | Coalmine Canyon | | 0 | 0 | 160 | 10 | 170 |
| 151 | 473269.7752 | 3955072.615 | NA-0173 | RAMCO No. 22 | Coalmine Canyon | | 0 | 0 | 160 | 10 | 170 |
| 390 | 550207.8347 | 4093114.129 | Mon060 | | Olijato | | 0 | 0 | 160 | 10 | 170 |
| 386 | 547558.997 | 4096844.967 | Mon061 | Alfred Mills | Olijato | | 0 | 0 | 160 | 10 | 170 |
| 387 | 547828.677 | 4095845.768 | Mon062 | Tract 12 | Olijato | | 0 | 0 | 160 | 10 | 170 |
| 397 | 546359.2666 | 4097297.891 | Mon063 | Tract 15 | Olijato | Shonto | 0 | 0 | 160 | 10 | 170 |
| 388 | 545529.482 | 4102570.481 | Mon064 | Horsetrail | Olijato | | 0 | 0 | 160 | 10 | 170 |
| 221 | 579315.6355 | 4091064.568 | NA-0223 | | Olijato | | 0 | 0 | 160 | 10 | 170 |
| 431 | 654662.3785 | 4056695.845 | Cov175 | Cove Mesa Mines (AEC Lease Plot 7) | Red Valley | | 0 | 0 | 160 | 10 | 170 |
| 501 | 654593.3923 | 4056385.985 | Cov176 | Cove Mesa Mines (AEC Lease Plot 7) | Red Valley | | 0 | 0 | 160 | 10 | 170 |
| 430 | 654616.0674 | 4056255.061 | Cov177 | Cove Mesa Mines (AEC Lease Plot 7) | Red Valley | | 0 | 0 | 160 | 10 | 170 |
| 45 | 680194.2202 | 4031361.651 | NA-0601 | | Sanostee | | 0 | 0 | 160 | 10 | 170 |
| 192 | 678869.0002 | 4031981.215 | NA-0603 | | Sanostee | | 0 | 0 | 160 | 10 | 170 |
| 466 | 679420.8216 | 4032235.423 | NA-0604 | | Sanostee | | 0 | 0 | 160 | 10 | 170 |
| 195 | 680413.5119 | 4033097.882 | NA-0608 | | Sanostee | | 0 | 0 | 160 | 10 | 170 |
| 465 | 679214.5731 | 4032180.665 | NA-0611 | | Sanostee | | 0 | 0 | 160 | 10 | 170 |
| 193 | 679149.7235 | 4032557.901 | NA-0612 | | Sanostee | | 0 | 0 | 160 | 10 | 170 |
| 194 | 679944.0641 | 4033863.392 | NA-0613 | | Sanostee | | 0 | 0 | 160 | 10 | 170 |
| 411 | 679215.1498 | 4030859.417 | San002 | | Sanostee | | 0 | 0 | 160 | 10 | 170 |
| 414 | 679369.747 | 4031004.19 | San003 | | Sanostee | | 0 | 0 | 160 | 10 | 170 |
| 413 | 679931.4709 | 4031765.399 | San006 | | Sanostee | | 0 | 0 | 160 | 10 | 170 |
| 412 | 678987.3627 | 4031723.997 | San007 | Enos Johnson Mine | Sanostee | | 0 | 0 | 160 | 10 | 170 |
| 410 | 678588.575 | 4031302.753 | San008 | | Sanostee | | 0 | 0 | 160 | 10 | 170 |
| 409 | 678773.1348 | 4032135.95 | San010 | | Sanostee | | 0 | 0 | 160 | 10 | 170 |
| 408 | 678606.5789 | 4033379.62 | San017 | | Sanostee | | 0 | 0 | 160 | 10 | 170 |
| 504 | 654319.9145 | 4056362.696 | NA-0303 | Cove Mesa Mines (AEC Lease Plot 7) | Sweetwater | Red Valley | 0 | 0 | 160 | 10 | 170 |
| 496 | 654154.3383 | 4056826.398 | NA-0307 | Cove Mesa Mines (AEC Lease Plot 7) | Sweetwater | | 0 | 0 | 160 | 10 | 170 |
| 36 | 653896.6336 | 4057674.522 | NA-0308 | Cove Mesa Mines (Cato Sells) | Sweetwater | | 0 | 0 | 160 | 10 | 170 |
| 37 | 653644.1173 | 4057273.626 | NA-0308 | Cove Mesa Mines (AEC Lease Plot 7) | Sweetwater | | 0 | 0 | 160 | 10 | 170 |

TABLE 4. Combined Pathways Score Table for AUMs on and Within 1 Mile of the Navajo Nation - By Combined Score

| Mine ID | UTM Easting, Zone 12, NAD83 | UTM Northing, Zone 12, NAD83 | Source_ID | Mine_Name | Chapter1 | Chapter2 | Total Air Score | Total Soil Score | Surface Water Score | Total Ground Water Score | Combined Score |
|---------|-----------------------------|------------------------------|-----------|------------------------------------|-----------------|----------|-----------------|------------------|---------------------|--------------------------|----------------|
| 38 | 654071.6347 | 4057186.655 | NA-0308 | Cove Mesa Mines (AEC Lease Plot 7) | Sweetwater | | 0 | 0 | 160 | 10 | 170 |
| 495 | 654263.555 | 4056108.253 | NA-0309 | Cove Mesa Mines (AEC Lease Plot 7) | Sweetwater | | 0 | 0 | 160 | 10 | 170 |
| 398 | 577628.1254 | 4086361.034 | Mon0076c | | Kayenta | | 0 | 0 | 160 | 0 | 160 |
| 264 | 547250.9498 | 4094662.483 | NA-0228 | Tract 14 | Ojato | | 0 | 0 | 160 | 0 | 160 |
| 196 | 549168.8558 | 4122560.157 | UTAML | Whirlwind Mine | Ojato | | 0 | 0 | 160 | 0 | 160 |
| 439 | 659790.5427 | 4066323.002 | Cov192 | | Red Valley | | 0 | 0 | 160 | 0 | 160 |
| 33 | 659898.9691 | 4066432.122 | NA-0342 | Tohe Thlany Begay Mine | Red Valley | | 0 | 0 | 160 | 0 | 160 |
| 273 | 650112.7248 | 4059243.632 | NA-0510 | | Sweetwater | | 0 | 0 | 160 | 0 | 160 |
| 213 | 653091.8291 | 4063502.303 | NA-0514 | Mildred Mine | Sweetwater | | 0 | 0 | 160 | 0 | 160 |
| 396 | 551777.4219 | 4082997.151 | Mon065 | | Ojato | | 20 | 20 | 0 | 40 | 80 |
| 379 | 470131.0491 | 3967485.728 | Cam042 | | Coalmine Canyon | | 0 | 0 | 0 | 60 | 60 |
| 380 | 475203.4153 | 3958448.149 | Cam060 | | Coalmine Canyon | | 0 | 0 | 0 | 10 | 10 |
| 381 | 475871.3225 | 3958745.394 | Cam061 | | Coalmine Canyon | | 0 | 0 | 0 | 10 | 10 |

TABLE 5. Combined Pathways Score Table for AUMs on and Within 1 Mile of the Navajo Nation - By Chapter

| Mine ID | UTM Easting, Zone 12, NAD83 | UTM Northing, Zone 12, NAD83 | Source_ID | Mine_Name | Chapter1 | Chapter2 | Total Air Score | Total Soil Score | Surface Water Score | Total Ground Water Score | Combined Score |
|---------|-----------------------------|------------------------------|------------------------------|----------------------|--------------|-------------------|-----------------|------------------|---------------------|--------------------------|----------------|
| 112 | 653856.7475 | 4124927.613 | NA-0229 | Montezuma Creek Mine | Aneth | | 60 | 60 | 160 | 390 | 670 |
| 294 | 660473.6567 | 4141823.329 | W027031 | PETE 6 & 7 | Aneth | Off Navajo Nation | 10 | 10 | 160 | 120 | 300 |
| 329 | 769073.2552 | 3924992.253 | NMMK0014, NMMK0073, NMMK0200 | Billy the Kid | Baca/Prewitt | | 1730 | 1730 | 160 | 470 | 4090 |
| 344 | 777590.3945 | 3915767.031 | NMMK0081 | Haystack | Baca/Prewitt | | 1310 | 1310 | 160 | 170 | 2950 |
| 343 | 777886.451 | 3916315.588 | NMMK0195 | Section 18 | Baca/Prewitt | | 910 | 910 | 160 | 180 | 2160 |
| 330 | 769756.7447 | 3924860.888 | NMMK0141 | Red Top | Baca/Prewitt | | 600 | 600 | 160 | 340 | 1700 |
| 328 | 768103.5275 | 3925379.282 | NMMK0140 | Red Top | Baca/Prewitt | | 570 | 570 | 160 | 390 | 1690 |
| 342 | 776953.5533 | 3916247.42 | NMMK0080 | Haystack | Baca/Prewitt | | 580 | 580 | 160 | 130 | 1450 |
| 345 | 776094.4428 | 3917172.421 | NMMK0077 | Haystack | Baca/Prewitt | | 560 | 560 | 160 | 160 | 1440 |
| | | | NMMK0221, NMMK0207, NMMK0338 | Section 26 | Baca/Prewitt | Off Navajo Nation | 480 | 480 | 160 | 220 | 1340 |
| 341 | 776229.187 | 3916530.177 | NMMK0079 | Haystack | Baca/Prewitt | | 350 | 350 | 160 | 150 | 1010 |
| 327 | 767340.4084 | 3924651.446 | NMMK0055 | Elkins | Baca/Prewitt | | 210 | 210 | 160 | 280 | 860 |
| 475 | 772693.8751 | 3917621.584 | NMMK0277 | Unknown | Baca/Prewitt | | 250 | 250 | 160 | 200 | 860 |
| 326 | 767262.6317 | 3924536.263 | NMMK0057 | Elkins | Baca/Prewitt | | 200 | 200 | 160 | 280 | 840 |
| 346 | 779591.667 | 3920032.303 | NMMK0168 | Section 5 | Baca/Prewitt | | 280 | 280 | 160 | 120 | 840 |
| 474 | 776890.8018 | 3919899.557 | NMMK0152 | Section 1 | Baca/Prewitt | | 290 | 290 | 160 | 60 | 800 |
| 450 | 777898.2697 | 3920913.649 | NMMK0064, NMMK0259 | Febco | Baca/Prewitt | | 260 | 260 | 160 | 60 | 740 |
| 473 | 774999.3586 | 3920324.676 | NMMK0159 | Section 2 | Baca/Prewitt | | 160 | 160 | 160 | 170 | 650 |
| 356 | 783260.6931 | 3925493.727 | NMMK0206 | Section 22 | Baca/Prewitt | Off Navajo Nation | 100 | 100 | 160 | 280 | 640 |
| 331 | 770937.8028 | 3924350.274 | NMMK0076 | Haven | Baca/Prewitt | | 120 | 120 | 160 | 210 | 610 |
| 332 | 770864.0322 | 3923592.983 | NMMK0136 | Red Cap | Baca/Prewitt | | 110 | 110 | 160 | 220 | 600 |
| 476 | 772647.1783 | 3917398.631 | NMMK0085 | Hutton-James | Baca/Prewitt | | 100 | 100 | 160 | 220 | 580 |
| 333 | 771008.1337 | 3923207.286 | NMMK0345 | Yucca | Baca/Prewitt | | 70 | 70 | 160 | 270 | 570 |
| 351 | 782121.4178 | 3920675.631 | NMMK0090 | Junior | Baca/Prewitt | | 150 | 150 | 160 | 100 | 560 |
| 340 | 778435.461 | 3921542.028 | NMMK0258 | Silver Spur | Baca/Prewitt | | 150 | 150 | 160 | 80 | 540 |
| 325 | 764238.1039 | 3927845.251 | NMMK0257 | Silver Bit | Baca/Prewitt | | 60 | 60 | 160 | 220 | 500 |
| 350 | 782188.0671 | 3920165.022 | NMMK0123 | Pat | Baca/Prewitt | | 90 | 90 | 160 | 100 | 440 |
| 324 | 763676.664 | 3927820.467 | NMMK0255 | Silver Bit | Baca/Prewitt | | 10 | 10 | 160 | 210 | 390 |
| 349 | 781906.115 | 3920364.596 | NMMK0123 | Pat | Baca/Prewitt | | 60 | 60 | 160 | 100 | 380 |
| 337 | 773996.5843 | 3921849.778 | NMMK0249 | Section 34 | Baca/Prewitt | | 0 | 0 | 160 | 220 | 380 |
| 336 | 769226.3695 | 3929188.047 | NMMK0002 | Alta | Baca/Prewitt | | 20 | 20 | 160 | 170 | 370 |
| 348 | 781949.1027 | 3920177.964 | NMMK0041 | Dakota | Baca/Prewitt | | 50 | 50 | 160 | 100 | 360 |
| 352 | 781738.1018 | 3920112.975 | NMMK0164 | Section 4 | Baca/Prewitt | | 40 | 40 | 160 | 100 | 340 |
| 334 | 771093.8765 | 3928279.598 | NMMK0058 | Evelyn | Baca/Prewitt | | 0 | 0 | 160 | 170 | 330 |
| 335 | 769994.7902 | 3928419.07 | NMMK0071 | Frances | Baca/Prewitt | | 0 | 0 | 160 | 160 | 320 |
| 339 | 774340.6732 | 3921727.033 | NMMK0096 | Lost Mine | Baca/Prewitt | | 0 | 0 | 160 | 130 | 290 |
| 338 | 774607.3627 | 3921836.715 | NMMK0096 | Lost Mine | Baca/Prewitt | | 0 | 0 | 160 | 110 | 270 |
| 347 | 780925.3701 | 3916918.664 | NMMK0138 | Red Point | Baca/Prewitt | | 10 | 10 | 160 | 90 | 270 |
| 276 | 676869.3608 | 4078265.148 | NA-0420 | | Beclabito | | 4470 | 4470 | 160 | 210 | 9310 |
| 277 | 676991.5014 | 4079038.105 | NA-0424 | | Beclabito | | 2170 | 2170 | 160 | 310 | 4810 |
| 46 | 675410.9134 | 4075304.09 | NA-0403 | | Beclabito | | 150 | 150 | 160 | 110 | 570 |
| 443 | 675575.989 | 4075219.957 | Bec060 | | Beclabito | | 150 | 150 | 160 | 100 | 560 |
| 265 | 675086.4628 | 4072721.114 | NA-0413 | | Beclabito | | 30 | 30 | 160 | 180 | 400 |
| 266 | 675240.041 | 4072620.541 | NA-0413 | | Beclabito | | 30 | 30 | 160 | 170 | 390 |
| 47 | 676616.4687 | 4074726.029 | NA-0404 | | Beclabito | | 20 | 20 | 160 | 180 | 380 |
| 269 | 675269.2962 | 4072927.788 | NA-0414 | | Beclabito | | 0 | 0 | 160 | 180 | 340 |
| 270 | 674443.6089 | 4074133.218 | NA-0418 | | Beclabito | | 20 | 20 | 160 | 140 | 340 |
| 281 | 676830.4013 | 4074621.651 | NA-0419 | | Beclabito | | 20 | 20 | 160 | 140 | 340 |
| 442 | 674826.8749 | 4073754.03 | Bec054 | | Beclabito | | 20 | 20 | 160 | 130 | 330 |

TABLE 5. Combined Pathways Score Table for AUMs on and Within 1 Mile of the Navajo Nation - By Chapter

| Mine ID | UTM Easting, Zone 12, NAD83 | UTM Northing, Zone 12, NAD83 | Source_ID | Mine_Name | Chapter1 | Chapter2 | Total Air Score | Total Soil Score | Surface Water Score | Total Ground Water Score | Combined Score |
|---------|-----------------------------|------------------------------|------------|-----------------------|-------------|-------------------|-----------------|------------------|---------------------|--------------------------|----------------|
| 271 | 674864.4734 | 4073536.651 | NA-0417 | | Beclabito | | 20 | 20 | 160 | 130 | 330 |
| 272 | 674554.3755 | 4074048.275 | NA-0418 | | Beclabito | | 20 | 20 | 160 | 130 | 330 |
| 279 | 669623.153 | 4078646.608 | NA-0422 | | Beclabito | | 0 | 0 | 160 | 140 | 300 |
| 268 | 675200.6272 | 4073175.053 | NA-0415 | | Beclabito | | 0 | 0 | 160 | 130 | 290 |
| 267 | 675147.6223 | 4073320.477 | NA-0416 | | Beclabito | | 0 | 0 | 160 | 130 | 290 |
| 444 | 677120.6462 | 4074394.793 | Bec064 | | Beclabito | | 0 | 0 | 160 | 110 | 270 |
| 445 | 677754.5144 | 4074438.997 | Bec068 | | Beclabito | | 0 | 0 | 160 | 110 | 270 |
| 48 | 677623.0196 | 4074283.65 | NA-0404 | | Beclabito | | 0 | 0 | 160 | 110 | 270 |
| 447 | 672279.3173 | 4078189.821 | Bec070 | | Beclabito | | 0 | 0 | 160 | 100 | 260 |
| 49 | 672733.7587 | 4078275.177 | NA-0401 | Copper Mine | Beclabito | | 0 | 0 | 160 | 100 | 260 |
| 29 | 671729.4403 | 4074252.039 | NA-0412 | Upper Red Canyon Mine | Beclabito | | 0 | 0 | 160 | 100 | 260 |
| 280 | 670095.0962 | 4078924.894 | NA-0421 | | Beclabito | | 0 | 0 | 160 | 90 | 250 |
| 446 | 669029.921 | 4078287.563 | Bec090 | | Beclabito | | 0 | 0 | 160 | 80 | 240 |
| 278 | 668610.9648 | 4078369.995 | NA-0423 | | Beclabito | Teeec Nos Pos | 0 | 0 | 160 | 80 | 240 |
| 78 | 599566.5415 | 4011707.456 | NA-0701 | | Black Mesa | | 390 | 390 | 160 | 80 | 1020 |
| 79 | 599360.8545 | 4011491.272 | NA-0701 | | Black Mesa | | 390 | 390 | 160 | 80 | 1020 |
| 406 | 601916.4062 | 4014181.74 | Bik029 | | Black Mesa | | 130 | 130 | 160 | 50 | 470 |
| 85 | 603427.0984 | 4016376.105 | NA-0703 | | Black Mesa | | 60 | 60 | 160 | 30 | 310 |
| 87 | 604689.5467 | 4018612.543 | NA0709A | | Black Mesa | | 0 | 0 | 160 | 100 | 260 |
| 88 | 604979.7355 | 4018451.479 | NA0709C | | Black Mesa | | 0 | 0 | 160 | 100 | 260 |
| 86 | 604529.3675 | 4018239.225 | NA0709B | | Black Mesa | | 0 | 0 | 160 | 80 | 240 |
| 166 | 461561.6064 | 3975470.586 | NA-0116 | | Bodaway/Gap | | 160 | 160 | 160 | 110 | 590 |
| 118 | 464177.2518 | 3995730.463 | NA-0105a | Henry Sloan No. 1 | Bodaway/Gap | | 150 | 150 | 160 | 20 | 480 |
| 117 | 464165.9126 | 3995442.087 | NA-0105b | Henry Sloan No. 1 | Bodaway/Gap | | 110 | 110 | 160 | 20 | 400 |
| 452 | 463560.0573 | 3992325.358 | 7 | A & B No. 13 | Bodaway/Gap | | 80 | 80 | 160 | 70 | 390 |
| 290 | 442824.7467 | 4058163.11 | NA-0259 | | Bodaway/Gap | | 0 | 0 | 160 | 190 | 350 |
| 451 | 460453.8574 | 3989868.083 | 8 | A & B No. 7 | Bodaway/Gap | | 40 | 40 | 160 | 40 | 280 |
| 172 | 461719.6782 | 3994422.391 | NA-0113 | | Bodaway/Gap | | 50 | 50 | 160 | 20 | 280 |
| 165 | 460860.5774 | 3975316.227 | NA-0114AAA | | Bodaway/Gap | | 0 | 0 | 160 | 110 | 270 |
| 163 | 460749.9584 | 3975585.796 | NA-0114AAB | | Bodaway/Gap | | 0 | 0 | 160 | 110 | 270 |
| 164 | 460587.3076 | 3975569.26 | NA-0114AAC | | Bodaway/Gap | | 0 | 0 | 160 | 110 | 270 |
| 162 | 459624.834 | 3975733.337 | NA-0114DAA | | Bodaway/Gap | | 0 | 0 | 160 | 90 | 250 |
| 178 | 461826.7995 | 3997666.546 | NA-0103B | Earl Huskon No. 1 | Bodaway/Gap | | 20 | 20 | 160 | 20 | 220 |
| 183 | 463398.767 | 3998127.758 | NA-0102 | Paul Huskie No.21 | Bodaway/Gap | | 10 | 10 | 160 | 20 | 200 |
| 91 | 446398.9385 | 4073333.514 | NA-0101 | Jimmie Boone B | Bodaway/Gap | | 0 | 0 | 160 | 30 | 190 |
| 161 | 459352.8332 | 3976090.392 | NA-0114DAB | | Bodaway/Gap | | 0 | 0 | 160 | 30 | 190 |
| 177 | 463384.9437 | 3997713.999 | NA-0103A | Earl Huskon No. 3 | Bodaway/Gap | | 0 | 0 | 160 | 20 | 180 |
| 171 | 462142.6949 | 3995787.164 | NA-0112 | | Bodaway/Gap | | 0 | 0 | 160 | 20 | 180 |
| 228 | 461705.0368 | 3970341.754 | NA-0106 | A & B No. 3 | Cameron | | 2390 | 2390 | 160 | 550 | 5490 |
| 175 | 459751.4357 | 3966216.404 | NA-0108 | A & B No. 2 | Cameron | | 930 | 930 | 160 | 420 | 2440 |
| 384 | 460538.2081 | 3963262.407 | Cam051 | | Cameron | | 190 | 190 | 0 | 180 | 560 |
| 382 | 464743.1308 | 3966845.222 | Cam043 | | Cameron | | 50 | 50 | 160 | 250 | 510 |
| 383 | 462786.9484 | 3961563.503 | Cam052 | | Cameron | | 110 | 110 | 160 | 70 | 450 |
| 176 | 465755.8613 | 3966572.629 | NA-0107 | Montezuma No. 1 | Cameron | | 10 | 10 | 160 | 230 | 410 |
| 170 | 465491.1987 | 3957766.93 | NA-0164 | Taylor Reid No. 2 | Cameron | | 10 | 10 | 160 | 130 | 310 |
| 453 | 464521.9719 | 3957164.029 | 67a | Section 1 Lease | Cameron | Off Navajo Nation | 10 | 10 | 160 | 110 | 290 |
| 137 | 466901.2931 | 3964216.321 | NA-0149d | Charles Huskon No. 3 | Cameron | | 10 | 10 | 160 | 110 | 290 |
| 140 | 465908.0955 | 3964185.697 | NA-0149A | Charles Huskon No. 3 | Cameron | | 0 | 0 | 160 | 110 | 270 |

TABLE 5. Combined Pathways Score Table for AUMs on and Within 1 Mile of the Navajo Nation - By Chapter

| Mine ID | UTM Easting, Zone 12, NAD83 | UTM Northing, Zone 12, NAD83 | Source_ID | Mine_Name | Chapter1 | Chapter2 | Total Air Score | Total Soil Score | Surface Water Score | Total Ground Water Score | Combined Score |
|---------|-----------------------------|------------------------------|------------------------------|-----------------------|-----------------|-------------------|-----------------|------------------|---------------------|--------------------------|----------------|
| 138 | 466207.2095 | 3963823.969 | NA-0149c | Charles Huskon No. 3 | Cameron | | 0 | 0 | 160 | 90 | 250 |
| 167 | 467082.6518 | 3958512.704 | NA-0158B | Charles Huskon No. 8 | Cameron | | 0 | 0 | 160 | 90 | 250 |
| 169 | 467570.4031 | 3958167.69 | NA-0159 | Boyd Tisi No. 1 | Cameron | | 0 | 0 | 160 | 90 | 250 |
| 139 | 466286.4282 | 3964044.714 | NA-0149b | Charles Huskon No. 3 | Cameron | | 0 | 0 | 160 | 80 | 240 |
| 232 | 468787.7125 | 3959732.47 | NA-0155B | Charles Huskon No. 10 | Cameron | | 10 | 10 | 160 | 60 | 240 |
| 143 | 467525.4417 | 3961581.563 | NA-0153 | Yazzie No. 102 | Cameron | | 0 | 0 | 160 | 70 | 230 |
| 142 | 467482.9627 | 3961303.457 | NA-0154 | Yazzie No. 102 | Cameron | | 0 | 0 | 160 | 70 | 230 |
| 141 | 468219.0491 | 3959655.69 | NA-0155A | Charles Huskon No. 10 | Cameron | | 0 | 0 | 160 | 60 | 220 |
| 168 | 466889.5414 | 3958912.745 | NA-0158A | Charles Huskon No. 8 | Cameron | | 0 | 0 | 160 | 50 | 210 |
| 385 | 467886.9093 | 3959487.141 | Cam056 | | Cameron | | 0 | 0 | 160 | 40 | 200 |
| 144 | 470492.9854 | 3956954.728 | NA-0166 | Charles Huskon No. 11 | Cameron | Off Navajo Nation | 10 | 10 | 160 | 20 | 200 |
| 302 | 770624.2892 | 3931522.852 | NMMK0247 | Section 32, 33 | Casamero Lake | Baca/Prewitt | 200 | 200 | 160 | 190 | 750 |
| 74 | 597746.9684 | 4035417.377 | NA-0712 | | Chilchinbeto | | 230 | 230 | 160 | 270 | 890 |
| 75 | 595315.698 | 4035770.671 | NA-0705 | | Chilchinbeto | | 230 | 230 | 160 | 140 | 760 |
| 76 | 595488.4853 | 4035840.211 | NA-0710 | | Chilchinbeto | | 230 | 230 | 160 | 140 | 760 |
| 402 | 595165.0982 | 4036107.246 | Blk002 | | Chilchinbeto | | 150 | 150 | 160 | 140 | 600 |
| 400 | 594721.1456 | 4035893.829 | Blk001 | | Chilchinbeto | | 110 | 110 | 160 | 140 | 520 |
| 401 | 594843.241 | 4035986.184 | Blk001a | | Chilchinbeto | | 110 | 110 | 160 | 140 | 520 |
| 73 | 598520.5545 | 4036429.885 | NA-0711 | | Chilchinbeto | | 90 | 90 | 160 | 130 | 470 |
| 296 | 640679.4097 | 4005195.423 | Occurrence B | Occurrence B | Chinle | | 1960 | 1960 | 160 | 40 | 4120 |
| 300 | 637823.1606 | 4006096.134 | Zhealy Tso, N. Part Parcel 1 | Zhealy Tso | Chinle | | 80 | 80 | 160 | 30 | 350 |
| 297 | 637512.737 | 4005384.335 | Zhealy Tso, S. Part Parcel 1 | Zhealy Tso | Chinle | | 50 | 50 | 160 | 30 | 290 |
| 299 | 637297.2201 | 4005514.831 | Zhealy Tso, W. Part Parcel 1 | Zhealy Tso | Chinle | | 30 | 30 | 160 | 30 | 250 |
| 298 | 637307.1062 | 4005587.988 | Zhealy Tso, W. Part Parcel 1 | Zhealy Tso | Chinle | | 20 | 20 | 160 | 30 | 230 |
| 310 | 716868.3209 | 3939189.204 | NMMK0028 | CD and S | Church Rock | | 750 | 750 | 160 | 190 | 1850 |
| | | | NMMK0034, NMMK0318, NMMK0319 | Church Rock | Church Rock | | | | | | |
| 307 | 721283.829 | 3944667.567 | NA-0551 | Foutz No. 2 | Church Rock | | 680 | 680 | 160 | 300 | 1820 |
| 110 | 720573.2493 | 3938633.663 | NA-0551 | Section 28 | Church Rock | | 620 | 620 | 160 | 110 | 1510 |
| 313 | 713088.9575 | 3931358.685 | NMMK0230 | Section 23 | Church Rock | | 420 | 420 | 160 | 180 | 1180 |
| 309 | 717144.0997 | 3943193.531 | NMMK0209 | Foutz 3 | Church Rock | Iyanbito | 330 | 330 | 160 | 60 | 880 |
| 209 | 722234.375 | 3938446.461 | NA-0550 | Section 13 | Church Rock | | 300 | 300 | 160 | 90 | 850 |
| 308 | 718239.9986 | 3944063.166 | NMMK0124 | Diamond No. 2 | Church Rock | | 270 | 270 | 160 | 70 | 770 |
| 314 | 713779.2141 | 3930137.653 | NMMK0047 | Hogback | Church Rock | | 130 | 130 | 160 | 130 | 550 |
| 312 | 709247.7446 | 3936045.163 | NMMK0083 | | Church Rock | | 120 | 120 | 160 | 140 | 540 |
| 119 | 461989.3307 | 3972490.353 | NA-0125 | Charles Huskon No. 12 | Coalmine Canyon | | 760 | 760 | 160 | 210 | 1890 |
| 160 | 463797.0206 | 3973569.092 | NA-0124a | Jack Daniels No. 1-5 | Coalmine Canyon | | 660 | 660 | 160 | 300 | 1780 |
| 124 | 464642.4006 | 3970419.982 | NA-0129 | Charles Huskon No. 1 | Coalmine Canyon | | 600 | 600 | 160 | 320 | 1680 |
| 125 | 464693.8829 | 3970700.382 | NA-0127 | | Coalmine Canyon | | 440 | 440 | 160 | 280 | 1320 |

TABLE 5. Combined Pathways Score Table for AUMs on and Within 1 Mile of the Navajo Nation - By Chapter

| Mine ID | UTM Easting, Zone 12, NAD83 | UTM Northing, Zone 12, NAD83 | Source_ID | Mine_Name | Chapter1 | Chapter2 | Total Air Score | Total Soil Score | Surface Water Score | Total Ground Water Score | Combined Score |
|---------|-----------------------------|------------------------------|-----------|------------------------|-----------------|----------|-----------------|------------------|---------------------|--------------------------|----------------|
| 128 | 464819.668 | 3970159.567 | NA-0130 | Max Johnson No. 10 | Coalmine Canyon | | 370 | 370 | 160 | 320 | 1220 |
| 120 | 464069.7649 | 3973915.352 | NA-0123 | Charles Huskon No. 19 | Coalmine Canyon | | 340 | 340 | 160 | 220 | 1060 |
| 126 | 464881.6981 | 3970683.057 | NA-0128A | Lemuel Littleman No. 2 | Coalmine Canyon | | 310 | 310 | 160 | 280 | 1060 |
| 135 | 466680.0409 | 3968827.294 | NA-0138 | Boyd Tisi No. 2 | Coalmine Canyon | | 230 | 230 | 160 | 340 | 960 |
| 136 | 466847.6431 | 3968694.227 | NA-0139 | Juan Horse No. 3 | Coalmine Canyon | | 230 | 230 | 160 | 340 | 960 |
| 373 | 462600.1884 | 3975866.999 | Cam018 | | Coalmine Canyon | | 340 | 340 | 160 | 110 | 950 |
| 127 | 465273.5706 | 3970853.199 | NA-0128B | Lemuel Littleman No. 2 | Coalmine Canyon | | 270 | 270 | 160 | 180 | 880 |
| 230 | 463550.6905 | 3974715.269 | NA-0124B | Kachina No. 6 | Coalmine Canyon | | 230 | 230 | 160 | 170 | 790 |
| 131 | 465924.1017 | 3970197.762 | NA-0134 | Alice Tolino No. 1 & 3 | Coalmine Canyon | | 120 | 120 | 160 | 260 | 660 |
| 229 | 464183.3964 | 3974232.103 | NA-0124C | Jack Daniels No. 1-5 | Coalmine Canyon | | 160 | 160 | 160 | 170 | 650 |
| 134 | 466413.5635 | 3969783.509 | NA-0137 | Yazzie No. 312 | Coalmine Canyon | | 70 | 70 | 160 | 260 | 560 |
| 123 | 467400.934 | 3967869.78 | NA-0141 | Juan Horse No. 4 | Coalmine Canyon | | 70 | 70 | 160 | 250 | 550 |
| 133 | 466256.5239 | 3970049.88 | NA-0135 | Evans Huskon No. 2 | Coalmine Canyon | | 40 | 40 | 160 | 260 | 500 |
| 132 | 466457.3466 | 3970174.881 | NA-0136 | Yazzie No. 101 | Coalmine Canyon | | 40 | 40 | 160 | 250 | 490 |
| 130 | 465967.3805 | 3970553.747 | NA-0131a | Elwood Canyon No. 1 | Coalmine Canyon | | 0 | 0 | 160 | 260 | 420 |
| 236 | 468189.2861 | 3966390.892 | NA-0111 | | Coalmine Canyon | | 0 | 0 | 160 | 210 | 370 |
| 129 | 466302.037 | 3970690.061 | NA-0131b | Max Johnson No. 9 | Coalmine Canyon | | 0 | 0 | 160 | 210 | 370 |
| 121 | 463818.8588 | 3977642.398 | NA-0113 | Jeepster No. 1 | Coalmine Canyon | | 60 | 60 | 160 | 80 | 360 |
| 92 | 462645.491 | 3978831.722 | NA-0104 | Charles Huskon No. 6 | Coalmine Canyon | | 70 | 70 | 160 | 40 | 340 |
| 159 | 472628.2836 | 3945454.616 | NA-0194 | Julius Chee No. 3 | Coalmine Canyon | | 30 | 30 | 160 | 110 | 330 |
| 374 | 462973.4243 | 3978285.946 | Cam012 | | Coalmine Canyon | | 40 | 40 | 160 | 80 | 320 |
| 375 | 467069.57 | 3970972.412 | Cam033 | | Coalmine Canyon | | 0 | 0 | 160 | 160 | 320 |
| 233 | 472583.4407 | 3947750.712 | NA-0110A | Max Johnson No. 7 | Coalmine Canyon | | 30 | 30 | 160 | 100 | 320 |
| 156 | 474301.0321 | 3945886.887 | NA-0196B | RAMCO No. 24 | Coalmine Canyon | | 30 | 30 | 160 | 100 | 320 |
| 155 | 474845.2969 | 3945332.523 | NA-0196A | RAMCO No. 24 | Coalmine Canyon | | 40 | 40 | 160 | 70 | 310 |
| 376 | 468978.27 | 3966460.51 | Cam042 | | Coalmine Canyon | | 0 | 0 | 160 | 140 | 300 |

TABLE 5. Combined Pathways Score Table for AUMs on and Within 1 Mile of the Navajo Nation - By Chapter

| Mine ID | UTM Easting, Zone 12, NAD83 | UTM Northing, Zone 12, NAD83 | Source_ID | Mine_Name | Chapter1 | Chapter2 | Total Air Score | Total Soil Score | Surface Water Score | Total Ground Water Score | Combined Score |
|---------|-----------------------------|------------------------------|-----------------------|--|-----------------|----------|-----------------|------------------|---------------------|--------------------------|----------------|
| 157 | 473390.2962 | 3944517.865 | NA-0197 | Charles Huskon No. 4 & Paul Huskie No. 3 | Coalmine Canyon | | 40 | 40 | 160 | 60 | 300 |
| 158 | 472939.0906 | 3945041.199 | NA-0195 | Julius Chee No. 2 | Coalmine Canyon | | 30 | 30 | 160 | 60 | 280 |
| 235 | 474000.3944 | 3944574.753 | NA-0197B | Charles Huskon No. 18 | Coalmine Canyon | | 30 | 30 | 160 | 60 | 280 |
| 234 | 472286.1535 | 3948685.653 | NA-0110B | Amos Chee No. 8 | Coalmine Canyon | | 10 | 10 | 160 | 60 | 240 |
| 154 | 474887.8094 | 3944217.03 | NA-0198 | Emmet Lee No. 3 | Coalmine Canyon | | 10 | 10 | 160 | 60 | 240 |
| 231 | 469726.8822 | 3973788.803 | NA-0121 | Evans Huskon No. 34 | Coalmine Canyon | | 0 | 0 | 160 | 60 | 220 |
| 122 | 469922.5101 | 3964445.755 | NA-0148 | Jack Huskon No. 3 | Coalmine Canyon | Cameron | 0 | 0 | 160 | 60 | 220 |
| 378 | 471653.1189 | 3957818.335 | Cam062 | | Coalmine Canyon | | 10 | 10 | 160 | 20 | 200 |
| 174 | 472276.5032 | 3952587.93 | NA-0109 | Jackpot No. 40 | Coalmine Canyon | | 0 | 0 | 160 | 30 | 190 |
| 153 | 472919.6645 | 3954770.864 | NA-0174 | RAMCO No. 20 | Coalmine Canyon | | 0 | 0 | 160 | 30 | 190 |
| 149 | 472143.7397 | 3953395.939 | NA-0179 | Yazzie No. 1 | Coalmine Canyon | | 0 | 0 | 160 | 30 | 190 |
| 148 | 472484.3683 | 3953351.234 | NA-0180 | Yazzie No. 2 | Coalmine Canyon | | 0 | 0 | 160 | 30 | 190 |
| 173 | 472363.6568 | 3952955.56 | NA-0184 | Charles Huskon No. 17 | Coalmine Canyon | | 0 | 0 | 160 | 30 | 190 |
| 147 | 473078.081 | 3952699.699 | NA-0186 | Jackpot No. 1 | Coalmine Canyon | | 0 | 0 | 160 | 30 | 190 |
| 146 | 473372.2984 | 3952587.62 | NA-0187 | Jackpot No. 5 | Coalmine Canyon | | 0 | 0 | 160 | 30 | 190 |
| 145 | 472283.0459 | 3957605.287 | NA-0163 | Ryan No. 1 | Coalmine Canyon | | 0 | 0 | 160 | 20 | 180 |
| 90 | 472690.2481 | 3955070.607 | NA-0172a | RAMCO No. 21 | Coalmine Canyon | | 0 | 0 | 160 | 20 | 180 |
| 150 | 472753.9546 | 3955304.063 | NA-0172B | RAMCO No. 21 | Coalmine Canyon | | 0 | 0 | 160 | 20 | 180 |
| 152 | 473408.5542 | 3954697.395 | NA-0175 | Ryan No. 2 | Coalmine Canyon | | 0 | 0 | 160 | 20 | 180 |
| 377 | 472460.8206 | 3959601.12 | Cam057 | | Coalmine Canyon | | 0 | 0 | 160 | 10 | 170 |
| 151 | 473269.7752 | 3955072.615 | NA-0173 | RAMCO No. 22 | Coalmine Canyon | | 0 | 0 | 160 | 10 | 170 |
| 379 | 470131.0491 | 3967485.728 | Cam042 | | Coalmine Canyon | | 0 | 0 | 0 | 60 | 60 |
| 380 | 475203.4153 | 3958448.149 | Cam060 | | Coalmine Canyon | | 0 | 0 | 0 | 10 | 10 |
| 381 | 475871.3225 | 3958745.394 | Cam061 | | Coalmine Canyon | | 0 | 0 | 0 | 10 | 10 |
| 472 | 659600.7928 | 4047695.472 | Cove Transfer Station | Cove Transfer Station | Cove | | 2570 | 2570 | 160 | 340 | 5640 |
| 426 | 657441.3892 | 4046129.812 | Cov098 | | Cove | | 340 | 340 | 160 | 130 | 970 |

TABLE 5. Combined Pathways Score Table for AUMs on and Within 1 Mile of the Navajo Nation - By Chapter

| Mine ID | UTM Easting, Zone 12, NAD83 | UTM Northing, Zone 12, NAD83 | Source_ID | Mine_Name | Chapter1 | Chapter2 | Total Air Score | Total Soil Score | Surface Water Score | Total Ground Water Score | Combined Score |
|---------|-----------------------------|------------------------------|---------------------|---------------------------------|---------------|----------|-----------------|------------------|---------------------|--------------------------|----------------|
| 104 | 656784.7926 | 4046333.589 | NA-0320 | | Cove | | 100 | 100 | 160 | 130 | 490 |
| 421 | 656895.6255 | 4045919.069 | Cov099 | Frank Jr. Mine | Cove | | 50 | 50 | 160 | 120 | 380 |
| 506 | 656132.8528 | 4044993.203 | Cov086 | | Cove | | 20 | 20 | 160 | 160 | 360 |
| 507 | 656325.4218 | 4045013.243 | Cov087 | | Cave | | 20 | 20 | 160 | 160 | 360 |
| 505 | 658149.919 | 4044893.352 | NA-0317 | | Cove | | 20 | 20 | 160 | 160 | 360 |
| 508 | 656230.3764 | 4045048.336 | NA-0317 | | Cove | | 20 | 20 | 160 | 160 | 360 |
| 509 | 658493.2842 | 4044508.997 | NA-0317 | | Cove | | 20 | 20 | 160 | 160 | 360 |
| 105 | 655884.7467 | 4045539.447 | NA-0319 | | Cove | | 20 | 20 | 160 | 160 | 360 |
| 510 | 656401.9528 | 4044392.613 | NA-0301 | Frank No. 1 Mines | Cove | | 20 | 20 | 160 | 150 | 350 |
| 417 | 656635.6158 | 4042454.595 | Cov053 | | Cove | | 50 | 50 | 160 | 80 | 340 |
| 101 | 656625.3875 | 4043653.208 | NA-0314 | | Cove | | 30 | 30 | 160 | 120 | 340 |
| 424 | 656886.6743 | 4043003.918 | Cov052 | | Cove | | 50 | 50 | 160 | 70 | 330 |
| 415 | 655685.9535 | 4043963.235 | Cov230 | | Cove | | 20 | 20 | 160 | 130 | 330 |
| 98 | 657323.8352 | 4042708.56 | NA-0313 | | Cove | | 50 | 50 | 160 | 70 | 330 |
| 106 | 656275.7607 | 4044209.152 | NA-0316 | Frank No. 1 Mines | Cove | | 20 | 20 | 160 | 130 | 330 |
| 107 | 656025.8516 | 40444076.131 | NA-0316 | | Cove | | 20 | 20 | 160 | 130 | 330 |
| 423 | 659916.8195 | 4042156.015 | Cov026 | | Cove | | 30 | 30 | 160 | 100 | 320 |
| 469 | 656274.6249 | 4045727.425 | NA-0319 | | Cove | | 20 | 20 | 160 | 120 | 320 |
| 94 | 659573.0011 | 4043490.417 | NA-0310A | | Cove | | 0 | 0 | 160 | 140 | 300 |
| 100 | 657548.9453 | 4044313.217 | NA-0315 | | Cove | | 10 | 10 | 160 | 120 | 300 |
| 420 | 657109.0398 | 4044421.774 | Cov068 | | Cove | | 0 | 0 | 160 | 120 | 280 |
| 103 | 656747.6838 | 4045256.698 | NA-0302 | Mesa V Mine | Cove | | 0 | 0 | 160 | 120 | 280 |
| 99 | 657228.7769 | 4045105.699 | NA-0318 | | Cove | | 0 | 0 | 160 | 120 | 280 |
| 102 | 656893.4238 | 4045388.586 | NA-0318 | | Cove | | 0 | 0 | 160 | 120 | 280 |
| 287 | 658315.9563 | 4044231.308 | NA-0324 | | Cove | | 0 | 0 | 160 | 120 | 280 |
| 93 | 659194.8889 | 4043344.766 | NA-0300, NA-0310B-D | | Cove | | 0 | 0 | 160 | 110 | 270 |
| 425 | 657269.5548 | 4043077.717 | Cov090 | | Cove | | 10 | 10 | 160 | 70 | 250 |
| 418 | 658250.4359 | 4042130.567 | Cov033 | | Cove | | 10 | 10 | 160 | 70 | 250 |
| 416 | 656473.0069 | 4042872.314 | Cov054 | | Cove | | 10 | 10 | 160 | 70 | 250 |
| 96 | 658103.6381 | 4042557.829 | NA-0312 | | Cove | | 10 | 10 | 160 | 70 | 250 |
| 97 | 658124.0382 | 4042161.766 | NA-0312 | | Cove | | 10 | 10 | 160 | 70 | 250 |
| 286 | 658839.6746 | 4042556.878 | NA-0321 | | Cove | | 0 | 0 | 160 | 70 | 230 |
| 285 | 658543.2536 | 4042710.075 | NA-0323 | | Cove | | 0 | 0 | 160 | 70 | 230 |
| 419 | 659403.6561 | 4042638.13 | Cov027 | | Cove | | 0 | 0 | 160 | 60 | 220 |
| 95 | 6580223.2241 | 4041549.936 | NA-0311 | | Cove | | 0 | 0 | 160 | 60 | 220 |
| 288 | 658934.9785 | 4042159.292 | NA-0322 | | Cove | | 0 | 0 | 160 | 60 | 220 |
| 422 | 658939.5601 | 4040931.275 | Cov030 | | Cove | | 0 | 0 | 160 | 50 | 210 |
| 305 | 726199.6288 | 3949719.848 | NMMK0112 | NE Church Rock No. 1 | Coyote Canyon | | 950 | 950 | 160 | 140 | 2200 |
| 306 | 723880.9995 | 3951004.653 | NMMK0114 | NE Church Rock No. 2 | Coyote Canyon | | 140 | 140 | 160 | 470 | 910 |
| 316 | 751887.8934 | 3954316.678 | NMMK0040 | Crownpoint | Crownpoint | | 240 | 240 | 160 | 570 | 1210 |
| 237 | 607616.5889 | 4087761.794 | NA-0213 | | Dennehotso | | 60 | 60 | 160 | 120 | 400 |
| 291 | 586689.4184 | 3925872.94 | NA-0751 | | Indian Wells | | 50 | 50 | 160 | 180 | 440 |
| 311 | 726723.6729 | 3937368.298 | NMMK0341 | Westwater | Iyanbito | | 0 | 0 | 160 | 130 | 290 |
| 111 | 723860.233 | 3937632.795 | NA-0552 | Section 3 | Iyanbito | | 0 | 0 | 160 | 100 | 260 |
| 239 | 603266.9314 | 4095460.437 | NA-0226 | Harvey Blackwater Claim (North) | Kayenta | | 430 | 430 | 160 | 40 | 1060 |
| 521 | 599410.9516 | 4087654.835 | NA-0204 | Willie Water Claim | Kayenta | | 100 | 100 | 160 | 510 | 870 |
| 238 | 602058.5286 | 4093881.434 | NA-0226 | Harvey Blackwater Claim (South) | Kayenta | | 80 | 80 | 160 | 160 | 480 |
| 240 | 602052.7298 | 4093649.566 | NA-0226 | | Kayenta | | 70 | 70 | 160 | 170 | 470 |

TABLE 5. Combined Pathways Score Table for AUMs on and Within 1 Mile of the Navajo Nation - By Chapter

| Mine ID | UTM Easting, Zone 12, NAD83 | UTM Northing, Zone 12, NAD83 | Source_ID | Mine_Name | Chapter1 | Chapter2 | Total Air Score | Total Soil Score | Surface Water Score | Total Ground Water Score | Combined Score |
|---------|-----------------------------|------------------------------|--------------------|---------------------------|-------------------|----------|-----------------|------------------|---------------------|--------------------------|----------------|
| 242 | 599099.2505 | 4088647.312 | NA-0225 | John Yazzie #1 Mine | Kayenta | | 0 | 0 | 160 | 260 | 420 |
| 399 | 567653.352 | 4081215.797 | Mon019 | Sally Mine | Kayenta | | 100 | 100 | 160 | 30 | 390 |
| 241 | 599124.7915 | 4089127.132 | NA-0224 | | Kayenta | | 0 | 0 | 160 | 140 | 300 |
| 243 | 583219.684 | 4083894.037 | NA-0235 | | Kayenta | | 0 | 0 | 160 | 20 | 180 |
| 244 | 583663.6496 | 4083987.856 | NA-0235 | | Kayenta | | 0 | 0 | 160 | 20 | 180 |
| 398 | 577628.1254 | 4086361.034 | Mon0076c | | Kayenta | | 0 | 0 | 160 | 0 | 160 |
| 317 | 746672.0385 | 3937211.988 | NMMK0102 | Mariano Lake | Mariano Lake | | 1170 | 1170 | 160 | 140 | 2640 |
| 301 | 745811.3925 | 3937270.281 | NMMK0102 | Mariano Lake | Mariano Lake | | 730 | 730 | 160 | 130 | 1750 |
| 318 | 747884.4911 | 3936725.269 | NMMK0097 | Mac No. 1 | Mariano Lake | | 610 | 610 | 160 | 160 | 1540 |
| 315 | 750541.5846 | 3956065.934 | NMMK0038 | Crownpoint | Nahodishgish | | 350 | 350 | 160 | 380 | 1240 |
| | | | | NE Church Rock No. 1-East | Nahodishgish | | 430 | 430 | 160 | 120 | |
| 303 | 727324.7017 | 3949791.594 | NMMK0113, NMMK0116 | | | | | | | | 1140 |
| 470 | 787902.3609 | 3921507.029 | NMMK0349 | Ambrosia Lake Mill | Off Navajo Nation | | 3200 | 3200 | 160 | 700 | 7260 |
| 353 | 786015.9141 | 3923498.979 | NMMK0220 | Section 25 | Off Navajo Nation | | 300 | 300 | 160 | 290 | 1050 |
| 354 | 785427.1533 | 3924926.478 | NMMK0214 | Section 24 | Off Navajo Nation | | 180 | 180 | 160 | 280 | 800 |
| 464 | 471302.7485 | 3951250.962 | 999 | ???Uranium Mine??? | Off Navajo Nation | | 210 | 210 | 160 | 40 | 620 |
| 365 | 786464.69 | 3913840.445 | NMMK0218 | Section 25 SEQ | Off Navajo Nation | | 90 | 90 | 160 | 280 | 620 |
| 358 | 783940.5864 | 3928016.808 | NMMK0051 | Dysart No. 1 | Off Navajo Nation | | 110 | 110 | 160 | 230 | 610 |
| 359 | 783441.9436 | 3928105.177 | NMMK0175 | Section 10 | Off Navajo Nation | | 130 | 130 | 160 | 170 | 590 |
| 363 | 786238.4292 | 3914499.481 | NMMK0219, NMMK0215 | Section 25 Open Pit | Off Navajo Nation | | 130 | 130 | 160 | 170 | 590 |
| 355 | 783986.2122 | 3925285.004 | NMMK0208 | Section 23 | Off Navajo Nation | | 50 | 50 | 160 | 290 | 550 |
| 370 | 787693.8767 | 3913452.753 | NMMK0235 | Section 30 | Off Navajo Nation | | 50 | 50 | 160 | 230 | 490 |
| 368 | 786745.502 | 3913623.861 | NMMK0218 | Section 25 SEQ | Off Navajo Nation | | 10 | 10 | 160 | 280 | 460 |
| 357 | 783493.0733 | 3925959.336 | NMMK0183 | Section 15 | Off Navajo Nation | | 40 | 40 | 160 | 190 | 430 |
| 371 | 787417.5418 | 3913244.011 | NMMK0235 | Section 30 | Off Navajo Nation | | 10 | 10 | 160 | 230 | 410 |
| 372 | 787752.0668 | 3913096.866 | NMMK0235 | Section 30 | Off Navajo Nation | | 10 | 10 | 160 | 230 | 410 |
| 367 | 786991.7009 | 3913675.124 | NMMK0218 | Section 25 SEQ | Off Navajo Nation | | 10 | 10 | 160 | 220 | 400 |
| 369 | 787013.1713 | 3913314.176 | NMMK0218 | Section 25 SEQ | Off Navajo Nation | | 10 | 10 | 160 | 220 | 400 |
| | | | | Black Point-Murphy Group | | | | | | | |
| 463 | 471524.6631 | 3951793.161 | 88 | | Off Navajo Nation | | 100 | 100 | 160 | 30 | 390 |
| 360 | 786341.5936 | 3915567.371 | NMMK0019 | Bobcat | Off Navajo Nation | | 40 | 40 | 160 | 120 | 360 |
| 366 | 786785.2809 | 3913831.476 | NMMK0218 | Section 25 SEQ | Off Navajo Nation | | 10 | 10 | 160 | 180 | 360 |
| 362 | 786805.8549 | 3914549.2 | NMMK0216 | Section 25 | Off Navajo Nation | | 10 | 10 | 160 | 170 | 350 |
| 454 | 465099.2736 | 3956058.264 | 67b | Section 1 Lease | Off Navajo Nation | | 10 | 10 | 160 | 110 | 290 |
| 361 | 786877.25 | 3915446.294 | NMMK0018 | Blue Peak | Off Navajo Nation | | 10 | 10 | 160 | 90 | 270 |
| 458 | 470121.6234 | 3954099.618 | 71b | Section 9 Lease | Off Navajo Nation | | 0 | 0 | 160 | 30 | 190 |
| 459 | 470391.8115 | 3953629.864 | 71c | Section 9 Lease | Off Navajo Nation | | 0 | 0 | 160 | 30 | 190 |
| 457 | 470689.6917 | 3955130.448 | 71a | Section 9 Lease | Off Navajo Nation | | 0 | 0 | 160 | 20 | 180 |
| 456 | 470449.4317 | 3956208.069 | Cam068b | | Off Navajo Nation | | 0 | 0 | 160 | 20 | 180 |
| 225 | 561505.8835 | 4099729.66 | NA-0214 | Keith Mine - A | Ojato | | 1430 | 1430 | 160 | 500 | 3520 |
| 223 | 569836.2211 | 4096789.794 | NA-0237 | Rock Door Mine | Ojato | | 1120 | 1120 | 160 | 370 | 2770 |
| 224 | 564006.7351 | 4097094.92 | NA-0215 | Norcross Mine - A | Ojato | | 420 | 420 | 160 | 360 | 1360 |
| | | | | Monument #1 Annex Mine | | | | | | | |
| 245 | 568823.6818 | 4089607.414 | NA-0210 | | Ojato | | 370 | 370 | 160 | 440 | 1340 |
| 181 | 567535.1659 | 4093815.787 | NA-0217 | Harvey Black Mine | Ojato | | 180 | 180 | 160 | 650 | 1170 |
| 389 | 560251.9107 | 4097329.411 | Mon069 | | Ojato | | 250 | 250 | 160 | 450 | 1110 |
| 253 | 563426.7712 | 4090947.511 | NA-0200 | Moonlight Mine | Ojato | | 210 | 210 | 160 | 480 | 1060 |
| 247 | 568306.296 | 4089716.647 | NA-0210 | Mitten #2 - A | Ojato | | 230 | 230 | 160 | 380 | 1000 |
| 254 | 568264.8558 | 4097457.39 | NA-0212 | Skyline Mine - East | Ojato | | 240 | 240 | 160 | 290 | 930 |
| 246 | 568453.5378 | 4089359.488 | NA-0210 | Monument #1 - A | Ojato | | 200 | 200 | 160 | 350 | 910 |
| 392 | 558236.802 | 4092396.983 | Mon030 | Tract 24 Mine - B | Ojato | | 150 | 150 | 160 | 280 | 740 |

TABLE 5. Combined Pathways Score Table for AUMs on and Within 1 Mile of the Navajo Nation - By Chapter

| Mine ID | UTM Easting, Zone 12, NAD83 | UTM Northing, Zone 12, NAD83 | Source_ID | Mine_Name | Chapter1 | Chapter2 | Total Air Score | Total Soil Score | Surface Water Score | Total Ground Water Score | Combined Score |
|---------|-----------------------------|------------------------------|--------------------|----------------------|------------|----------|-----------------|------------------|---------------------|--------------------------|----------------|
| 391 | 558379.3976 | 4091960.404 | Mon029 | Tract 24 Mine - A | Oljato | | 130 | 130 | 160 | 290 | 710 |
| 519 | 562857.8252 | 4088016.9 | NA-0219 | Big Four Mine | Oljato | | 30 | 30 | 160 | 470 | 690 |
| 520 | 562791.8159 | 4088112.957 | Mon007 | Big Four Mine | Oljato | | 20 | 20 | 160 | 470 | 670 |
| 179 | 563337.2473 | 4089099.863 | NA-0220 | Sunlight Mine | Oljato | | 10 | 10 | 160 | 490 | 670 |
| 258 | 561139.3988 | 4095100.628 | NA-0208 | | Oljato | | 20 | 20 | 160 | 440 | 640 |
| 248 | 566068.5477 | 4083311.172 | NA-0233 | Alma-Seggin Mine | Oljato | | 200 | 200 | 160 | 80 | 640 |
| 260 | 558896.2776 | 4099760.648 | NA-0211 | Mitten 31 Mine | Oljato | | 60 | 60 | 160 | 350 | 630 |
| 393 | 562731.2537 | 4090027.67 | Mon013 | Daylight Mine | Oljato | | 40 | 40 | 160 | 370 | 610 |
| 180 | 561204.9616 | 4090183.814 | NA-0221, NA-0207 | Starlight Mine | Oljato | | 10 | 10 | 160 | 410 | 590 |
| 259 | 560919.0129 | 4095243.574 | NA-0208 | | Oljato | | 20 | 20 | 160 | 380 | 580 |
| 250 | 567041.8302 | 4082472.926 | NA-0209 | Black Rock Mine | Oljato | | 190 | 190 | 160 | 40 | 580 |
| 255 | 567345.6134 | 4097291.437 | NA-0212 | Mitten #1 'A' | Oljato | | 60 | 60 | 160 | 300 | 580 |
| 182 | 565784.6216 | 4097153.856 | NA-0216 | Tom Holiday Mine | Oljato | | 30 | 30 | 160 | 360 | 580 |
| 518 | 566373.437 | 4097189.932 | Mon077 | | Oljato | | 30 | 30 | 160 | 340 | 560 |
| 513 | 565948.6862 | 4085527.311 | NA-0222 | | Oljato | | 140 | 140 | 160 | 120 | 560 |
| 517 | 566389.4477 | 4097242.836 | NA-0234 | | Oljato | | 30 | 30 | 160 | 340 | 560 |
| 514 | 565886.8037 | 4086623.096 | Mon011 | Naschoy Mine | Oljato | | 140 | 140 | 160 | 110 | 550 |
| 257 | 561387.0629 | 4094741.836 | NA-0202 | | Oljato | | 0 | 0 | 160 | 380 | 540 |
| 226 | 557495.8253 | 4095752.276 | NA-0218 | Monument #3 Mine | Oljato | | 70 | 70 | 160 | 220 | 520 |
| 256 | 567236.5698 | 4097271.019 | NA-0212 | Mitten #1 'B' | Oljato | | 20 | 20 | 160 | 310 | 510 |
| 261 | 557923.0262 | 4100236.512 | NA-0211 | Taylor Reid Mine - B | Oljato | | 0 | 0 | 160 | 330 | 490 |
| 516 | 558227.301 | 4100053.696 | NA-0211 | C-3 Mine | Oljato | | 20 | 20 | 160 | 290 | 490 |
| 249 | 567208.8139 | 4082356.892 | NA-0209 | Black Rock Mine | Oljato | | 140 | 140 | 160 | 40 | 480 |
| 515 | 558085.7775 | 4100122.195 | NA-0211 | Taylor Reid Mine - A | Oljato | | 10 | 10 | 160 | 290 | 470 |
| 251 | 564564.4125 | 4088187.865 | NA-0206 | Big Chief Mine | Oljato | | 0 | 0 | 160 | 290 | 450 |
| 394 | 560939.1846 | 4084660.428 | Mon006 | Joe Rock Mine | Oljato | | 50 | 50 | 160 | 110 | 370 |
| 252 | 562187.4364 | 4084802.223 | NA-0201 | Boot Jack Mine | Oljato | | 20 | 20 | 160 | 90 | 290 |
| 262 | 554920.0974 | 4090997.763 | NA-0205 | Tract 11E | Oljato | | 0 | 0 | 160 | 70 | 230 |
| 395 | 576750.0448 | 4088103.134 | Mon0076a | | Oljato | | 0 | 0 | 160 | 60 | 220 |
| 227 | 554047.8725 | 4100617.152 | NA-0236 | Tract 7 | Oljato | | 0 | 0 | 160 | 50 | 210 |
| 263 | 554166.727 | 4091532.854 | NA-0203 | Tract 11 | Oljato | | 0 | 0 | 160 | 40 | 200 |
| 222 | 576103.6473 | 4091205.565 | NA-0223 | | Oljato | | 0 | 0 | 160 | 30 | 190 |
| 390 | 550207.8347 | 4093114.129 | Mon060 | | Oljato | | 0 | 0 | 160 | 10 | 170 |
| 386 | 547558.997 | 4095844.967 | Mon061 | Alfred Mills | Oljato | | 0 | 0 | 160 | 10 | 170 |
| 387 | 547828.677 | 4095845.768 | Mon062 | Tract 12 | Oljato | | 0 | 0 | 160 | 10 | 170 |
| 397 | 546359.2666 | 4097297.891 | Mon063 | Tract 15 | Oljato | Shonto | 0 | 0 | 160 | 10 | 170 |
| 388 | 545529.482 | 4102570.481 | Mon064 | Horsetrail | Oljato | | 0 | 0 | 160 | 10 | 170 |
| 221 | 579315.6355 | 4091064.568 | NA-0223 | | Oljato | | 0 | 0 | 160 | 10 | 170 |
| 264 | 547250.9499 | 4084662.483 | NA-0228 | Tract 14 | Oljato | | 0 | 0 | 160 | 0 | 160 |
| 196 | 549168.6558 | 4122560.157 | UTAML | Whirlwind Mine | Oljato | | 0 | 0 | 160 | 0 | 160 |
| 396 | 551777.4219 | 4082997.151 | Mon065 | | Oljato | | 20 | 20 | 0 | 40 | 80 |
| 471 | 726323.6232 | 3948006.072 | NMMK0125 | Church Rock Mill | Pinedale | | 2450 | 2450 | 160 | 200 | 5260 |
| 304 | 724990.2083 | 3948613.167 | NMMK0117, NMMK0315 | NE Church Rock | Pinedale | | 2080 | 2080 | 160 | 210 | 4530 |
| 189 | 638077.8841 | 4080316.964 | NA-0509A | | Red Mesa | | 380 | 380 | 160 | 230 | 1150 |
| 191 | 646817.7473 | 4085692.884 | NA-0507 | Toh Atin Mesa Mine | Red Mesa | | 260 | 260 | 160 | 150 | 830 |
| 220 | 638312.6167 | 4089250.339 | NA-0508B | | Red Mesa | | 230 | 230 | 160 | 50 | 670 |
| 449 | 637307.012 | 4080781.187 | Swl047 | | Red Mesa | | 140 | 140 | 160 | 180 | 620 |
| 293 | 626929.3256 | 4122940.261 | NA-0238 | | Red Mesa | | 0 | 0 | 160 | 360 | 520 |
| 448 | 636621.2696 | 4084010.859 | Swt048 | | Red Mesa | | 70 | 70 | 160 | 120 | 420 |
| 190 | 637966.2229 | 4089079.969 | NA-0508A | | Red Mesa | | 70 | 70 | 160 | 40 | 340 |
| 19 | 673994.8837 | 4068594.665 | NA-0808 | | Red Valley | | 800 | 800 | 160 | 410 | 2170 |

TABLE 5. Combined Pathways Score Table for AUMs on and Within 1 Mile of the Navajo Nation - By Chapter

| Mine ID | UTM Easting, Zone 12, NAD83 | UTM Northing, Zone 12, NAD83 | Source_ID | Mine_Name | Chapter1 | Chapter2 | Total Air Score | Total Soil Score | Surface Water Score | Total Ground Water Score | Combined Score |
|---------|-----------------------------|------------------------------|-----------|-------------------------------------|------------|----------|-----------------|------------------|---------------------|--------------------------|----------------|
| 20 | 674127.7291 | 4068561.433 | NA-0800 | Oak Springs Mine (Gravel Cap) | Red Valley | | 590 | 590 | 160 | 410 | 1750 |
| 479 | 675278.4065 | 4065140.506 | NA-0822 | | Red Valley | | 460 | 460 | 160 | 410 | 1490 |
| 480 | 675339.4538 | 4064919.219 | NA-0821 | Stripped Area 3 of VCA Plot 3 | Red Valley | | 460 | 460 | 160 | 400 | 1480 |
| 478 | 675146.4742 | 4064898.133 | Oak156 | | Red Valley | | 460 | 460 | 160 | 400 | 1480 |
| 481 | 675305.8744 | 4064995.497 | NA-0806 | | Red Valley | | 450 | 450 | 160 | 400 | 1460 |
| 42 | 675129.1157 | 4063374.979 | NA-0828 | Red Rock Mine | Red Valley | | 420 | 420 | 160 | 300 | 1300 |
| 483 | 675587.8217 | 4065190.885 | NA-0815 | | Red Valley | | 360 | 360 | 160 | 370 | 1250 |
| 482 | 675599.025 | 4065010.793 | Oak143 | | Red Valley | | 350 | 350 | 160 | 320 | 1180 |
| 43 | 675625.0988 | 4063364.064 | NA-0828 | | Red Valley | | 330 | 330 | 160 | 260 | 1080 |
| 432 | 674222.2696 | 4044178.728 | Oak221 | Rocky Spring Mine | Red Valley | | 380 | 380 | 160 | 150 | 1070 |
| 1 | 675186.7323 | 4062979.701 | NA-0828 | Red Wash Mine (Leroy Pettigrew) | Red Valley | | 290 | 290 | 160 | 260 | 1000 |
| 441 | 675539.3008 | 4063154.459 | Oak230 | | Red Valley | | 290 | 290 | 160 | 260 | 1000 |
| 440 | 674714.7259 | 4067910.042 | Oak238 | | Red Valley | | 260 | 260 | 160 | 270 | 950 |
| 484 | 675478.8317 | 4065254.228 | NA-0809 | | Red Valley | | 210 | 210 | 160 | 360 | 940 |
| 487 | 676209.1785 | 4064426.233 | NA-0811 | King Tutt Point Mines | Red Valley | | 260 | 260 | 160 | 260 | 940 |
| 2 | 677767.5234 | 4064255.389 | NA-0817 | | Red Valley | | 270 | 270 | 160 | 230 | 930 |
| 18 | 674867.1696 | 4067877.435 | NA-0801 | | Red Valley | | 220 | 220 | 160 | 270 | 870 |
| 6 | 675280.1669 | 4065443.211 | NA-0804 | Lookout Point Incline Mine | Red Valley | | 190 | 190 | 160 | 320 | 860 |
| 21 | 673897.4229 | 4069409.616 | NA-0405 | | Red Valley | | 200 | 200 | 160 | 250 | 810 |
| 3 | 676948.3571 | 4064532.564 | NA-0816 | | Red Valley | | 210 | 210 | 160 | 220 | 800 |
| 8 | 675230.7736 | 4065679.475 | NA-0814 | | Red Valley | | 150 | 150 | 160 | 320 | 780 |
| 41 | 675032.8553 | 4067706.504 | NA-0818 | | Red Valley | | 160 | 160 | 160 | 270 | 750 |
| 22 | 674137.1298 | 4069918.771 | NA-0406 | Leroy Mine | Red Valley | | 160 | 160 | 160 | 260 | 740 |
| 7 | 675373.4834 | 4065438.986 | NA-0820 | Stripped Area 1 of VCA Plot 3 | Red Valley | | 130 | 130 | 160 | 320 | 740 |
| 485 | 676520.0182 | 4064394.452 | NA-0812 | Begay No. 1 and Carrizo No. 1 Mines | Red Valley | | 170 | 170 | 160 | 220 | 720 |
| 488 | 676400.5222 | 4064528.668 | NA-0807 | Begay No. 1 and Carrizo No. 1 Mines | Red Valley | | 170 | 170 | 160 | 180 | 680 |
| 486 | 676403.978 | 4064428.546 | Oak125 | | Red Valley | | 170 | 170 | 160 | 180 | 680 |
| 23 | 674810.1002 | 4069681.159 | NA-0407 | Lower Canyon Mine | Red Valley | | 130 | 130 | 160 | 250 | 670 |
| 9 | 675410.14 | 4065555.894 | NA-0803 | Lookout Point Mines | Red Valley | | 90 | 90 | 160 | 280 | 620 |
| 16 | 675079.5153 | 4067151.504 | NA-0823 | Upper Salt Rock Canyon Mine | Red Valley | | 90 | 90 | 160 | 240 | 580 |
| 5 | 677921.8217 | 4065216.527 | NA-0824 | | Red Valley | | 60 | 60 | 160 | 280 | 560 |
| 4 | 677272.6583 | 4064984.116 | NA-0826 | | Red Valley | | 80 | 80 | 160 | 230 | 550 |
| 31 | 674347.8351 | 4058162.629 | NA-0825 | Upper Red Wash Mine | Red Valley | | 120 | 120 | 160 | 140 | 540 |
| 10 | 676269.3984 | 4065400.996 | NA-0810 | Begay No. 2 Mine | Red Valley | | 90 | 90 | 160 | 190 | 530 |
| 12 | 675207.1043 | 4066282.075 | NA-0827 | Williams Point Mine | Red Valley | | 40 | 40 | 160 | 280 | 520 |
| 477 | 675698.1324 | 4065308.662 | NA-0805 | Shadyside Incline | Red Valley | | 60 | 60 | 160 | 230 | 510 |
| 15 | 675061.9926 | 4067204.75 | NA-0802 | Franks Point Mine | Red Valley | | 70 | 70 | 160 | 200 | 500 |
| 30 | 677509.9124 | 4063491.002 | NA-0817 | Red Wash Mine (Hosteen S. Begay) | Red Valley | | 80 | 80 | 160 | 170 | 490 |
| 11 | 675996.6045 | 4065610.429 | NA-0813 | | Red Valley | | 50 | 50 | 160 | 190 | 450 |
| 27 | 674370.1891 | 4070911.109 | NA-0410 | Lone Star Mine | Red Valley | | 30 | 30 | 160 | 220 | 440 |
| 24 | 673557.5466 | 4070513.055 | NA-0408 | | Red Valley | | 50 | 50 | 160 | 160 | 420 |

TABLE 5. Combined Pathways Score Table for AUMs on and Within 1 Mile of the Navajo Nation - By Chapter

| Mine ID | UTM Easting, Zone 12, NAD83 | UTM Northing, Zone 12, NAD83 | Source_ID | Mine_Name | Chapter1 | Chapter2 | Total Air Score | Total Soil Score | Surface Water Score | Total Ground Water Score | Combined Score |
|---------|-----------------------------|------------------------------|-----------|------------------------------------|------------|------------|-----------------|------------------|---------------------|--------------------------|----------------|
| 32 | 674714.0514 | 4057875.959 | NA-0825 | Upper Red Wash Mine | Red Valley | | 60 | 60 | 160 | 140 | 420 |
| 26 | 673909.2667 | 4070727.296 | NA-0409 | Hazel Mine | Red Valley | | 30 | 30 | 160 | 190 | 410 |
| 28 | 674902.7746 | 4071377.357 | NA-0411 | Cottonwood Butte Mine | Red Valley | | 30 | 30 | 160 | 190 | 410 |
| 17 | 675634.608 | 4067193.06 | NA-0818 | | Red Valley | | 30 | 30 | 160 | 190 | 410 |
| 14 | 677026.2043 | 4066110.726 | NA-0819b | Salt Canyon Mines | Red Valley | | 10 | 10 | 160 | 230 | 410 |
| 289 | 675527.6451 | 4066668.6 | NA-0823 | Lower Salt Rock Canyon Mine | Red Valley | | 30 | 30 | 160 | 190 | 410 |
| 13 | 676633.0239 | 4066117.87 | NA-0819a | Salt Canyon Mines | Red Valley | | 0 | 0 | 160 | 230 | 390 |
| 25 | 673620.2997 | 4070761.263 | NA-0400 | Syracuse Mine | Red Valley | | 0 | 0 | 160 | 170 | 330 |
| 494 | 655302.931 | 4052787.463 | Cov110 | East Mesa Mines | Red Valley | | 0 | 0 | 160 | 120 | 280 |
| 493 | 655275.4196 | 4052572.782 | NA-0339 | East Mesa Mines | Red Valley | | 0 | 0 | 160 | 120 | 280 |
| 490 | 671293.9623 | 4074466.372 | Bec002 | Toni Tuc No. 1 Mine | Red Valley | Beclabito | 0 | 0 | 160 | 100 | 260 |
| 489 | 671182.4011 | 4074426.729 | NA-0425 | Toni Tuc No. 1 Mine | Red Valley | Beclabito | 0 | 0 | 160 | 100 | 260 |
| 34 | 654576.3359 | 4057405.222 | NA-0308 | Cove Mesa Mines (Cato Sells) | Red Valley | | 10 | 10 | 160 | 10 | 190 |
| 35 | 654723.7075 | 4057632.023 | NA-0341 | Cove Mesa Mines (Cato Sells) | Red Valley | | 10 | 10 | 160 | 10 | 190 |
| 433 | 675134.1186 | 4037437.917 | San018 | | Red Valley | | 0 | 0 | 160 | 30 | 190 |
| 431 | 654662.3785 | 4056695.845 | Cov175 | Cove Mesa Mines (AEC Lease Plot 7) | Red Valley | | 0 | 0 | 160 | 10 | 170 |
| 501 | 654593.3923 | 4056385.985 | Cov176 | Cove Mesa Mines (AEC Lease Plot 7) | Red Valley | | 0 | 0 | 160 | 10 | 170 |
| 430 | 654616.0674 | 4056255.061 | Cov177 | Cove Mesa Mines (AEC Lease Plot 7) | Red Valley | | 0 | 0 | 160 | 10 | 170 |
| 439 | 659790.5427 | 4066323.002 | Cov192 | | Red Valley | | 0 | 0 | 160 | 0 | 160 |
| 33 | 659898.9691 | 4066432.122 | NA-0342 | Tohe Thlany Begay Mine | Red Valley | | 0 | 0 | 160 | 0 | 160 |
| 77 | 602866.0918 | 4026847.846 | NA-0700 | | Rough Rock | | 30 | 30 | 160 | 180 | 400 |
| 40 | 654497.611 | 4051663.346 | NA-0338 | West Mesa Mine | Round Rock | Red Valley | 0 | 0 | 160 | 90 | 250 |
| 511 | 656276.9622 | 4040807.137 | NA-0329 | | Round Rock | | 0 | 0 | 160 | 70 | 230 |
| 428 | 657067.1031 | 4039187.56 | Cov216 | Knife Edge Mesa Mine | Round Rock | | 0 | 0 | 160 | 60 | 220 |
| 512 | 656489.4687 | 4040827.175 | NA-0329 | | Round Rock | | 0 | 0 | 160 | 60 | 220 |
| 204 | 655111.6311 | 4041409.648 | NA-0330 | | Round Rock | | 0 | 0 | 160 | 60 | 220 |
| 203 | 655016.8821 | 4041834.858 | NA-0331 | | Round Rock | | 0 | 0 | 160 | 60 | 220 |
| 207 | 657214.2319 | 4039031.759 | NA-0343 | | Round Rock | | 0 | 0 | 160 | 60 | 220 |
| 429 | 658465.1018 | 4039797.674 | Cov226 | Cisco Mine | Round Rock | | 0 | 0 | 160 | 50 | 210 |
| 467 | 658038.268 | 4039551.928 | NA-0326 | Joleo Mine | Round Rock | | 0 | 0 | 160 | 50 | 210 |
| 205 | 656836.4725 | 4040738.48 | NA-0327 | | Round Rock | | 0 | 0 | 160 | 50 | 210 |
| 206 | 656634.3771 | 4040665.664 | NA-0328 | | Round Rock | | 0 | 0 | 160 | 50 | 210 |
| 208 | 659207.0071 | 4039702.283 | NA-0325 | Camp Mine | Round Rock | | 0 | 0 | 160 | 40 | 200 |
| 202 | 654384.017 | 4041853.516 | NA-0332 | | Round Rock | | 0 | 0 | 160 | 40 | 200 |
| 201 | 654371.8668 | 4042086.998 | NA-0333 | | Round Rock | | 0 | 0 | 160 | 40 | 200 |
| 427 | 652371.079 | 4045295.878 | Cov198 | | Round Rock | | 0 | 0 | 160 | 30 | 190 |
| 200 | 654214.0626 | 4042651.127 | NA-0334 | Jimmie King No. 9 Mine | Round Rock | | 0 | 0 | 160 | 30 | 190 |
| 199 | 652572.976 | 4045323.189 | NA-0335 | | Round Rock | | 0 | 0 | 160 | 30 | 190 |
| 468 | 652167.9776 | 4046047.142 | NA-0336 | Hall Mine | Round Rock | | 0 | 0 | 160 | 30 | 190 |
| 197 | 651277.1462 | 4046559.208 | NA-0337 | Mexican Cry Mine | Round Rock | | 0 | 0 | 160 | 30 | 190 |
| 198 | 651259.0464 | 4046345 | NA-0337 | Mexican Cry Mine | Round Rock | | 0 | 0 | 160 | 30 | 190 |

TABLE 5. Combined Pathways Score Table for AUMs on and Within 1 Mile of the Navajo Nation - By Chapter

| Mine ID | UTM Easting, Zone 12, NAD83 | UTM Northing, Zone 12, NAD83 | Source_ID | Mine_Name | Chapter1 | Chapter2 | Total Air Score | Total Soil Score | Surface Water Score | Total Ground Water Score | Combined Score |
|---------|-----------------------------|------------------------------|--------------------|------------------------------------|------------|---------------|-----------------|------------------|---------------------|--------------------------|----------------|
| 44 | 677192.0142 | 4034691.713 | NA-0610 | | Sanostee | | 20 | 20 | 160 | 20 | 220 |
| 407 | 678655.6266 | 4029300.23 | San001 | | Sanostee | | 10 | 10 | 160 | 10 | 190 |
| 45 | 680194.2202 | 4031361.651 | NA-0601 | | Sanostee | | 0 | 0 | 160 | 10 | 170 |
| 192 | 678669.0002 | 4031981.215 | NA-0603 | | Sanostee | | 0 | 0 | 160 | 10 | 170 |
| 466 | 679420.8216 | 4032235.423 | NA-0604 | | Sanostee | | 0 | 0 | 160 | 10 | 170 |
| 195 | 680413.5119 | 4033097.882 | NA-0608 | | Sanostee | | 0 | 0 | 160 | 10 | 170 |
| 465 | 679214.5731 | 4032180.665 | NA-0611 | | Sanostee | | 0 | 0 | 160 | 10 | 170 |
| 193 | 679149.7235 | 4032557.901 | NA-0612 | | Sanostee | | 0 | 0 | 160 | 10 | 170 |
| 194 | 679944.0641 | 4033863.392 | NA-0613 | | Sanostee | | 0 | 0 | 160 | 10 | 170 |
| 411 | 679215.1498 | 4030859.417 | San002 | | Sanostee | | 0 | 0 | 160 | 10 | 170 |
| 414 | 679369.747 | 4031004.19 | San003 | | Sanostee | | 0 | 0 | 160 | 10 | 170 |
| 413 | 679931.4709 | 4031765.399 | San006 | | Sanostee | | 0 | 0 | 160 | 10 | 170 |
| 412 | 678987.3627 | 4031723.997 | San007 | Erios Johnson Mine | Sanostee | | 0 | 0 | 160 | 10 | 170 |
| 410 | 678588.575 | 4031302.753 | San008 | | Sanostee | | 0 | 0 | 160 | 10 | 170 |
| 409 | 678773.1348 | 4032135.95 | San010 | | Sanostee | | 0 | 0 | 160 | 10 | 170 |
| 408 | 678606.5789 | 4033379.62 | San017 | | Sanostee | | 0 | 0 | 160 | 10 | 170 |
| 323 | 757544.3801 | 3932903.287 | NMMK0147, NMMK0260 | Ruby No. 3 | Smith Lake | | 490 | 490 | 160 | 400 | 1540 |
| 322 | 756706.7427 | 3937172.781 | NMMK0015 | Black Jack No. 1 | Smith Lake | | 390 | 390 | 160 | 490 | 1430 |
| | | NMMK0145, NMMK0146, NMMK0148 | Ruby No. 1 | Smith Lake | | | 400 | 400 | 160 | 370 | 1330 |
| 321 | 751828.2705 | 3934200.194 | NMMK0016 | Black Jack No. 2 | Smith Lake | | 320 | 320 | 160 | 190 | 990 |
| 319 | 748911.8247 | 3935551.021 | NMMK0098 | Mac No. 2 | Smith Lake | | 70 | 70 | 160 | 140 | 440 |
| 320 | 749612.5514 | 3935047.98 | NA-0922B | | Sweetwater | | 330 | 330 | 160 | 710 | 1530 |
| 114 | 652036.9826 | 4082181.552 | NA-0910 | | Sweetwater | | 300 | 300 | 160 | 710 | 1470 |
| 52 | 651957.625 | 4082230.944 | NA-0914 | Sah Tah Mine | Sweetwater | Teeec Nos Pos | 180 | 180 | 160 | 910 | 1430 |
| 50 | 652559.2127 | 4082162.877 | NA-0914 | | Sweetwater | | 380 | 380 | 160 | 470 | 1390 |
| 188 | 639455.6744 | 4080271.743 | NA-0509B | | Sweetwater | | 250 | 250 | 160 | 660 | 1320 |
| 51 | 652140.5679 | 4082648.961 | NA-0909 | | Sweetwater | | 220 | 220 | 160 | 720 | 1320 |
| 108 | 652303.4711 | 4081848.392 | NA-0922C | | Sweetwater | | 280 | 280 | 160 | 520 | 1240 |
| 57 | 652072.7921 | 4083431.44 | NA-0915 | | Sweetwater | | 150 | 150 | 160 | 720 | 1180 |
| 53 | 652666.6617 | 4082458.962 | NA-0921A | | Sweetwater | | 170 | 170 | 160 | 670 | 1170 |
| 109 | 652288.3898 | 4082075.714 | NA-0922C | | Sweetwater | | 90 | 90 | 160 | 760 | 1100 |
| 54 | 652755.3276 | 4082730.256 | NA-0908 | | Sweetwater | | 160 | 160 | 160 | 600 | 1080 |
| 55 | 653148.8821 | 4082703.684 | NA-0912 | | Sweetwater | | 160 | 160 | 160 | 560 | 1040 |
| 56 | 652913.2301 | 4083029.472 | NA-0920 | | Sweetwater | | 260 | 260 | 160 | 120 | 800 |
| 435 | 654650.7829 | 4076856.314 | Sw1036 | | Sweetwater | | 140 | 140 | 160 | 290 | 770 |
| 67 | 652171.368 | 4084629.914 | NA-0924 | | Sweetwater | Teeec Nos Pos | 130 | 130 | 160 | 310 | 730 |
| 58 | 650983.3091 | 4084601.872 | NA-0926 | | Sweetwater | | 140 | 140 | 160 | 160 | 600 |
| 219 | 654921.0374 | 4077167.28 | NA-0518 | | Sweetwater | | 220 | 220 | 160 | 0 | 600 |
| 436 | 651791.8692 | 4066796.027 | Sw018 | | Sweetwater | | 130 | 130 | 160 | 140 | 560 |
| 217 | 654591.9504 | 4077229.666 | NA-0506 | | Sweetwater | | 120 | 120 | 160 | 160 | 560 |
| 218 | 655100.8349 | 4077273.265 | NA-0506 | | Sweetwater | | 90 | 90 | 160 | 10 | 350 |
| 187 | 642669.3214 | 4063917.85 | NA-0500 | | Sweetwater | | 80 | 80 | 160 | 20 | 340 |
| 216 | 650565.6716 | 4071550.28 | NA-0504 | | Sweetwater | | 50 | 50 | 160 | 20 | 280 |
| 184 | 653025.2184 | 4073744.78 | NA-0505A | | Sweetwater | | 50 | 50 | 160 | 10 | 270 |
| 185 | 653402.5858 | 4073568.298 | NA-0505B | | Sweetwater | | 50 | 50 | 160 | 10 | 270 |
| 186 | 653261.0992 | 4073327.452 | NA-0505C | | Sweetwater | | 40 | 40 | 160 | 0 | 240 |
| 212 | 651591.5636 | 4065355.625 | NA-0515 | | Sweetwater | | 20 | 20 | 160 | 0 | 200 |
| 274 | 652011.1486 | 4059005.796 | NA-0511 | | Sweetwater | | 20 | 20 | 160 | 0 | 200 |
| 275 | 651665.9561 | 4058822.603 | NA-0511 | | Sweetwater | | 20 | 20 | 160 | 0 | 200 |
| 211 | 652153.8509 | 4062497.854 | NA-0513 | | Sweetwater | | 0 | 0 | 160 | 0 | 200 |
| 502 | 654867.8475 | 4055394.978 | Cov121 | Cove Mesa Mines (AEC Lease Plot 7) | Sweetwater | | 0 | 0 | 160 | 20 | 180 |

TABLE 5. Combined Pathways Score Table for AUMs on and Within 1 Mile of the Navajo Nation - By Chapter

| Mine ID | UTM Easting, Zone 12, NAD83 | UTM Northing, Zone 12, NAD83 | Source_ID | Mine_Name | Chapter1 | Chapter2 | Total Air Score | Total Soil Score | Surface Water Score | Total Ground Water Score | Combined Score |
|---------|-----------------------------|------------------------------|-----------------------|------------------------------------|-----------------|------------|-----------------|------------------|---------------------|--------------------------|----------------|
| 500 | 654756.2938 | 4055288.177 | Cov122 | Cove Mesa Mines (AEC Lease Plot 7) | Sweetwater | | 0 | 0 | 160 | 20 | 180 |
| 503 | 654505.0162 | 4055117.902 | Cov125 | Cove Mesa Mines (AEC Lease Plot 7) | Sweetwater | | 0 | 0 | 160 | 20 | 180 |
| 434 | 654581.0547 | 4056009.223 | Cov178 | Cove Mesa Mines (AEC Lease Plot 7) | Sweetwater | Red Valley | 0 | 0 | 160 | 20 | 180 |
| 497 | 654708.76 | 4055542.866 | NA-0304 | Cove Mesa Mines (AEC Lease Plot 7) | Sweetwater | | 0 | 0 | 160 | 20 | 180 |
| 498 | 654379.8856 | 4055487.79 | NA-0305 | Cove Mesa Mines (AEC Lease Plot 7) | Sweetwater | | 0 | 0 | 160 | 20 | 180 |
| 39 | 653993.2279 | 4056047.842 | NA-0306 | Cove Mesa Mines (AEC Lease Plot 7) | Sweetwater | | 0 | 0 | 160 | 20 | 180 |
| 499 | 654612.5719 | 4055177.034 | NA-0340 | Cove Mesa Mines (AEC Lease Plot 7) | Sweetwater | | 0 | 0 | 160 | 20 | 180 |
| 210 | 650038.7368 | 4062519.182 | NA-0512 | | Sweetwater | | 10 | 10 | 160 | 0 | 180 |
| 214 | 653843.0961 | 4067669.901 | NA-0516 | | Sweetwater | | 10 | 10 | 160 | 0 | 180 |
| 215 | 653900.5133 | 4067850.214 | NA-0516 | | Sweetwater | | 10 | 10 | 160 | 0 | 180 |
| 437 | 649238.3635 | 4059315.129 | Swt002 | | Sweetwater | | 10 | 10 | 160 | 0 | 180 |
| 438 | 649584.4204 | 4059130.176 | Swt003 | | Sweetwater | | 10 | 10 | 160 | 0 | 180 |
| 504 | 654319.9145 | 4056362.696 | NA-0303 | Cove Mesa Mines (AEC Lease Plot 7) | Sweetwater | Red Valley | 0 | 0 | 160 | 10 | 170 |
| 496 | 654154.3383 | 4056826.398 | NA-0307 | Cove Mesa Mines (AEC Lease Plot 7) | Sweetwater | | 0 | 0 | 160 | 10 | 170 |
| 36 | 653896.6336 | 4057674.522 | NA-0308 | Cove Mesa Mines (Cato Sells) | Sweetwater | | 0 | 0 | 160 | 10 | 170 |
| 37 | 653644.1173 | 4057273.626 | NA-0308 | Cove Mesa Mines (AEC Lease Plot 7) | Sweetwater | | 0 | 0 | 160 | 10 | 170 |
| 38 | 654071.6347 | 4057186.655 | NA-0308 | Cove Mesa Mines (AEC Lease Plot 7) | Sweetwater | | 0 | 0 | 160 | 10 | 170 |
| 495 | 654263.555 | 4056108.253 | NA-0309 | Cove Mesa Mines (AEC Lease Plot 7) | Sweetwater | | 0 | 0 | 160 | 10 | 170 |
| 273 | 650112.7248 | 4059243.632 | NA-0510 | | Sweetwater | | 0 | 0 | 160 | 0 | 160 |
| 213 | 653091.8291 | 4063502.303 | NA-0514 | Mildred Mine | Sweetwater | | 0 | 0 | 160 | 0 | 160 |
| 80 | 598259.9603 | 4011536.501 | NA-0706 | | Tachee/Blue Gap | | 630 | 630 | 160 | 40 | 1460 |
| 72 | 654134.8089 | 4085123.106 | NA-0902, NA-0918 | | Teeec Nos Pos | | 890 | 890 | 160 | 240 | 2180 |
| 292 | 653892.3854 | 4085334.23 | NA-0900 | | Teeec Nos Pos | | 710 | 710 | 160 | 190 | 1770 |
| 71 | 654681.8533 | 4084638.448 | NA-0902, NA-0917A & B | | Teeec Nos Pos | | 600 | 600 | 160 | 240 | 1600 |
| 284 | 649691.2697 | 4092105.341 | NA-0931 | | Teeec Nos Pos | | 430 | 430 | 160 | 240 | 1260 |
| 492 | 654168.6186 | 4084656.471 | Tse079 | | Teeec Nos Pos | | 410 | 410 | 160 | 240 | 1220 |
| 70 | 654405.8658 | 4084646.71 | NA-0918 | | Teeec Nos Pos | | 400 | 400 | 160 | 240 | 1200 |
| 113 | 652348.9077 | 4082862.815 | NA-0922A | | Teeec Nos Pos | Sweetwater | 240 | 240 | 160 | 560 | 1200 |
| 491 | 654150.481 | 4084517.257 | NA-0907 | | Teeec Nos Pos | | 390 | 390 | 160 | 240 | 1180 |
| 68 | 654980.4724 | 4083721.454 | NA-0911 | | Teeec Nos Pos | | 320 | 320 | 160 | 330 | 1130 |
| 65 | 652772.6789 | 4085408.211 | NA-0923 | | Teeec Nos Pos | | 320 | 320 | 160 | 300 | 1100 |
| 115 | 652681.6732 | 4082721.132 | NA-0921B | | Teeec Nos Pos | Sweetwater | 100 | 100 | 160 | 720 | 1080 |
| 116 | 654020.9735 | 4084376.704 | NA-0919A | | Teeec Nos Pos | | 300 | 300 | 160 | 230 | 990 |
| 64 | 652865.7351 | 4086750.839 | NA-0929 | | Teeec Nos Pos | | 290 | 290 | 160 | 240 | 980 |
| 61 | 652061.603 | 4085737.181 | NA-0925, NA-0903 | | Teeec Nos Pos | | 220 | 220 | 160 | 350 | 950 |
| 69 | 653869.5846 | 4084074.69 | NA-0919B | | Teeec Nos Pos | | 270 | 270 | 160 | 230 | 930 |
| 59 | 651458.1361 | 4085337.542 | NA-0904 | | Teeec Nos Pos | Sweetwater | 160 | 160 | 160 | 370 | 850 |
| 60 | 651864.0043 | 4085124.856 | NA-0916 | | Teeec Nos Pos | Sweetwater | 150 | 150 | 160 | 390 | 850 |
| 63 | 650629.6521 | 4086059.69 | NA-0928 | | Teeec Nos Pos | Sweetwater | 200 | 200 | 160 | 270 | 830 |

TABLE 5. Combined Pathways Score Table for AUMs on and Within 1 Mile of the Navajo Nation - By Chapter

| Mine ID | UTM Easting, Zone 12, NAD83 | UTM Northing, Zone 12, NAD83 | Source_ID | Mine_Name | Chapter1 | Chapter2 | Total Air Score | Total Soil Score | Surface Water Score | Total Ground Water Score | Combined Score |
|---------|-----------------------------|------------------------------|-----------|-----------|--------------------|-----------------|-----------------|------------------|---------------------|--------------------------|----------------|
| 66 | 652481.1336 | 4085201.767 | NA-0905 | | Teeec Nos Pos | Sweetwater | 170 | 170 | 160 | 290 | 790 |
| 62 | 651265.6725 | 4086030.183 | NA-0927 | | Teeec Nos Pos | | 150 | 150 | 160 | 230 | 690 |
| 295 | 660625.7348 | 4116632.967 | MP206 | MP206 | Teeec Nos Pos | | 70 | 70 | 160 | 320 | 620 |
| 283 | 654722.8086 | 4089392.228 | NA-0930 | | Teeec Nos Pos | | 80 | 80 | 160 | 110 | 430 |
| 282 | 666857.8326 | 4082514.284 | NA-0402 | | Teeec Nos Pos | | 10 | 10 | 160 | 180 | 360 |
| 89 | 556576.9135 | 3923611.488 | NA-0750 | | Teesto | | 150 | 150 | 160 | 310 | 770 |
| 404 | 604351.9893 | 4009154.835 | Blk022 | | Tselani/Cottonwood | | 40 | 40 | 160 | 20 | 260 |
| 81 | 601572.8452 | 4007799.181 | NA-0702 | | Tselani/Cottonwood | | 10 | 10 | 160 | 80 | 260 |
| 84 | 604425.3765 | 4009623.666 | NA-0708 | | Tselani/Cottonwood | | 40 | 40 | 160 | 20 | 260 |
| 405 | 602773.338 | 4006455.4 | Blk019b | | Tselani/Cottonwood | | 0 | 0 | 160 | 40 | 200 |
| 403 | 603838.1842 | 4008103.927 | Blk020 | | Tselani/Cottonwood | | 0 | 0 | 160 | 40 | 200 |
| 82 | 602743.3201 | 4008158.383 | NA-0704 | | Tselani/Cottonwood | Tachee/Blue Gap | 0 | 0 | 160 | 40 | 200 |
| 83 | 603889.3724 | 4008310.071 | NA-0707 | | Tselani/Cottonwood | | 0 | 0 | 160 | 40 | 200 |